

(FILE 'HOME' ENTERED AT 09:02:13 ON 13 JAN 2005)

FILE 'STNGUIDE' ENTERED AT 09:02:45 ON 13 JAN 2005

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 09:03:51 ON 13 JAN 2005

L1 131 SEA PLU=ON (STAPHYLOCOCCUS OR AUREUS) AND (23S OR 5S) AND
(INTERGENIC OR SPACER)
L2 38 SEA PLU=ON L1 AND PY<1998
L3 17 DUP REM L2 (21 DUPLICATES REMOVED)
D TI 1-17
D IBIB AB 16 11 9 4 3

FILE 'STNGUIDE'

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-----------------|------------------|---------|------------------|
| L1 | 143 | (aureus or staphylococcus) and (5s! with 23s!) | US-PGPUB; USPAT | OR | ON | 2005/01/13 09:36 |
| L2 | 4 | (aureus or staphylococcus) same (5s! with 23s!) | US-PGPUB; USPAT | OR | ON | 2005/01/13 09:37 |
| L3 | 32 | (aureus or staphylococcus) and ((5s! with 23s!) same (intergenic or spacer)) | US-PGPUB; USPAT | OR | ON | 2005/01/13 09:39 |
| L4 | 32 | (aureus or staphylococcus) and ((5s! with 23s!) same (intergenic or spacer or nontranscribed or untranscribed)) | US-PGPUB; USPAT | OR | ON | 2005/01/13 09:40 |

O'Bryen, Barbara

From: Switzer, Juliet
Sent: Thursday, January 13, 2005 10:54 AM
To: O'Bryen, Barbara
Subject: search request

please search for 09/463209

I need an oligomer search of nucleic acids containing at least 10 nucleotides of positions 54-83 or positions 100-166 of seq id no 1. Please limit the hits to records that have 100 or fewer nucleotides. I need to see all hits with 10 or more nucleotides. Do this search in ONLY prior art databases.

please search seq id no 1, 2, 3, and 4 in US patents, pgpubs and interferece files.

please return results on disk.

thanks.

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 00:43:51 ; Search time 13.4224 Seconds
(without alignments)
953.197 Million cell updates/sec

Title: US-09-463-209D-2
Perfect score: 18
Sequence: 1 gtggaagcatggtgacat 18

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*
1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result | | | % | | Query | | DB | ID | Description |
|--------|-----|-------|-------|--------|-------|---------------------|----|----|-------------------|
| | No. | Score | Match | Length | Match | Length | | | |
| | 1 | 18 | 100.0 | 77 | 4 | US-08-956-171E-4944 | | | Sequence 4944, Ap |
| | 2 | 18 | 100.0 | 77 | 4 | US-08-781-986A-4944 | | | Sequence 4944, Ap |
| | 3 | 18 | 100.0 | 149 | 4 | US-08-956-171E-4725 | | | Sequence 4725, Ap |
| | 4 | 18 | 100.0 | 149 | 4 | US-08-781-986A-4725 | | | Sequence 4725, Ap |
| c | 5 | 18 | 100.0 | 184 | 4 | US-08-956-171E-4751 | | | Sequence 4751, Ap |
| c | 6 | 18 | 100.0 | 184 | 4 | US-08-781-986A-4751 | | | Sequence 4751, Ap |
| | 7 | 18 | 100.0 | 257 | 4 | US-08-956-171E-4502 | | | Sequence 4502, Ap |
| | 8 | 18 | 100.0 | 257 | 4 | US-08-781-986A-4502 | | | Sequence 4502, Ap |
| c | 9 | 18 | 100.0 | 283 | 4 | US-08-956-171E-4460 | | | Sequence 4460, Ap |
| c | 10 | 18 | 100.0 | 283 | 4 | US-08-781-986A-4460 | | | Sequence 4460, Ap |
| | 11 | 18 | 100.0 | 295 | 4 | US-08-956-171E-4440 | | | Sequence 4440, Ap |

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| | | | | | | | |
|---|----|----|-------|-----|---|---------------------|-------------------|
| | 12 | 18 | 100.0 | 295 | 4 | US-08-781-986A-4440 | Sequence 4440, Ap |
| c | 13 | 18 | 100.0 | 306 | 4 | US-08-956-171E-4548 | Sequence 4548, Ap |
| c | 14 | 18 | 100.0 | 306 | 4 | US-08-781-986A-4548 | Sequence 4548, Ap |
| c | 15 | 18 | 100.0 | 325 | 4 | US-08-956-171E-4226 | Sequence 4226, Ap |
| c | 16 | 18 | 100.0 | 325 | 4 | US-08-781-986A-4226 | Sequence 4226, Ap |
| c | 17 | 18 | 100.0 | 338 | 4 | US-08-956-171E-4246 | Sequence 4246, Ap |
| c | 18 | 18 | 100.0 | 338 | 4 | US-08-781-986A-4246 | Sequence 4246, Ap |
| c | 19 | 18 | 100.0 | 340 | 4 | US-08-956-171E-4195 | Sequence 4195, Ap |
| c | 20 | 18 | 100.0 | 340 | 4 | US-08-781-986A-4195 | Sequence 4195, Ap |
| c | 21 | 18 | 100.0 | 367 | 4 | US-08-956-171E-4059 | Sequence 4059, Ap |
| c | 22 | 18 | 100.0 | 367 | 4 | US-08-781-986A-4059 | Sequence 4059, Ap |
| | 23 | 18 | 100.0 | 380 | 4 | US-08-956-171E-4075 | Sequence 4075, Ap |
| | 24 | 18 | 100.0 | 380 | 4 | US-08-781-986A-4075 | Sequence 4075, Ap |
| c | 25 | 18 | 100.0 | 386 | 4 | US-08-956-171E-4064 | Sequence 4064, Ap |
| c | 26 | 18 | 100.0 | 386 | 4 | US-08-781-986A-4064 | Sequence 4064, Ap |
| c | 27 | 18 | 100.0 | 400 | 4 | US-08-956-171E-3611 | Sequence 3611, Ap |
| c | 28 | 18 | 100.0 | 400 | 4 | US-08-956-171E-3620 | Sequence 3620, Ap |
| c | 29 | 18 | 100.0 | 400 | 4 | US-08-956-171E-3624 | Sequence 3624, Ap |
| c | 30 | 18 | 100.0 | 400 | 4 | US-08-956-171E-3634 | Sequence 3634, Ap |
| c | 31 | 18 | 100.0 | 400 | 4 | US-08-956-171E-3638 | Sequence 3638, Ap |
| c | 32 | 18 | 100.0 | 400 | 4 | US-08-956-171E-3670 | Sequence 3670, Ap |
| c | 33 | 18 | 100.0 | 400 | 4 | US-08-956-171E-3675 | Sequence 3675, Ap |
| c | 34 | 18 | 100.0 | 400 | 4 | US-08-956-171E-3700 | Sequence 3700, Ap |
| | 35 | 18 | 100.0 | 400 | 4 | US-08-956-171E-3708 | Sequence 3708, Ap |
| c | 36 | 18 | 100.0 | 400 | 4 | US-08-956-171E-3719 | Sequence 3719, Ap |
| c | 37 | 18 | 100.0 | 400 | 4 | US-08-956-171E-3738 | Sequence 3738, Ap |
| c | 38 | 18 | 100.0 | 400 | 4 | US-08-956-171E-3748 | Sequence 3748, Ap |
| c | 39 | 18 | 100.0 | 400 | 4 | US-08-956-171E-3768 | Sequence 3768, Ap |
| c | 40 | 18 | 100.0 | 400 | 4 | US-08-956-171E-3803 | Sequence 3803, Ap |
| | 41 | 18 | 100.0 | 400 | 4 | US-08-956-171E-3858 | Sequence 3858, Ap |
| c | 42 | 18 | 100.0 | 400 | 4 | US-08-956-171E-3866 | Sequence 3866, Ap |
| | 43 | 18 | 100.0 | 400 | 4 | US-08-956-171E-3972 | Sequence 3972, Ap |
| c | 44 | 18 | 100.0 | 400 | 4 | US-08-781-986A-3611 | Sequence 3611, Ap |
| c | 45 | 18 | 100.0 | 400 | 4 | US-08-781-986A-3620 | Sequence 3620, Ap |

ALIGNMENTS

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OM nucleic - nucleic search, using sw.model

Run on: January 15, 2005, 00:43:51 ; Search time 17.509 Seconds
(without alignments)
953.197 Million cell updates/sec

Title: US-09-463-209D-3
Perfect score: 23
Sequence: 1 taagtaaaagtgattttgcttcg 23

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*

- 1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*
- 2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*
- 3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
- 4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*
- 5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
- 6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | % Query | | DB | ID | Description |
|------------|-------|---------|--------|----|---------------------|-------------------|
| | | Match | Length | | | |
| 1 | 23 | 100.0 | 242 | 4 | US-08-956-171E-4538 | Sequence 4538, Ap |
| 2 | 23 | 100.0 | 242 | 4 | US-08-781-986A-4538 | Sequence 4538, Ap |
| 3 | 23 | 100.0 | 283 | 4 | US-08-956-171E-4460 | Sequence 4460, Ap |
| 4 | 23 | 100.0 | 283 | 4 | US-08-781-986A-4460 | Sequence 4460, Ap |
| 5 | 23 | 100.0 | 325 | 4 | US-08-956-171E-4226 | Sequence 4226, Ap |
| 6 | 23 | 100.0 | 325 | 4 | US-08-781-986A-4226 | Sequence 4226, Ap |
| 7 | 23 | 100.0 | 338 | 4 | US-08-956-171E-4246 | Sequence 4246, Ap |
| 8 | 23 | 100.0 | 338 | 4 | US-08-781-986A-4246 | Sequence 4246, Ap |
| 9 | 23 | 100.0 | 340 | 4 | US-08-956-171E-4195 | Sequence 4195, Ap |
| 10 | 23 | 100.0 | 340 | 4 | US-08-781-986A-4195 | Sequence 4195, Ap |
| 11 | 23 | 100.0 | 348 | 4 | US-08-956-171E-4175 | Sequence 4175, Ap |
| 12 | 23 | 100.0 | 348 | 4 | US-08-781-986A-4175 | Sequence 4175, Ap |

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| | | | | | | |
|----|----|-------|-----|---|---------------------|-------------------|
| 13 | 23 | 100.0 | 367 | 4 | US-08-956-171E-4059 | Sequence 4059, Ap |
| 14 | 23 | 100.0 | 367 | 4 | US-08-781-986A-4059 | Sequence 4059, Ap |
| 15 | 23 | 100.0 | 371 | 4 | US-08-956-171E-4118 | Sequence 4118, Ap |
| 16 | 23 | 100.0 | 371 | 4 | US-08-781-986A-4118 | Sequence 4118, Ap |
| 17 | 23 | 100.0 | 386 | 4 | US-08-956-171E-4064 | Sequence 4064, Ap |
| 18 | 23 | 100.0 | 386 | 4 | US-08-781-986A-4064 | Sequence 4064, Ap |
| 19 | 23 | 100.0 | 400 | 4 | US-08-956-171E-3611 | Sequence 3611, Ap |
| 20 | 23 | 100.0 | 400 | 4 | US-08-956-171E-3624 | Sequence 3624, Ap |
| 21 | 23 | 100.0 | 400 | 4 | US-08-956-171E-3634 | Sequence 3634, Ap |
| 22 | 23 | 100.0 | 400 | 4 | US-08-956-171E-3638 | Sequence 3638, Ap |
| 23 | 23 | 100.0 | 400 | 4 | US-08-956-171E-3670 | Sequence 3670, Ap |
| 24 | 23 | 100.0 | 400 | 4 | US-08-956-171E-3675 | Sequence 3675, Ap |
| 25 | 23 | 100.0 | 400 | 4 | US-08-956-171E-3719 | Sequence 3719, Ap |
| 26 | 23 | 100.0 | 400 | 4 | US-08-956-171E-3738 | Sequence 3738, Ap |
| 27 | 23 | 100.0 | 400 | 4 | US-08-956-171E-3748 | Sequence 3748, Ap |
| 28 | 23 | 100.0 | 400 | 4 | US-08-956-171E-3768 | Sequence 3768, Ap |
| 29 | 23 | 100.0 | 400 | 4 | US-08-956-171E-3803 | Sequence 3803, Ap |
| 30 | 23 | 100.0 | 400 | 4 | US-08-956-171E-3866 | Sequence 3866, Ap |
| 31 | 23 | 100.0 | 400 | 4 | US-08-956-171E-3934 | Sequence 3934, Ap |
| 32 | 23 | 100.0 | 400 | 4 | US-08-781-986A-3611 | Sequence 3611, Ap |
| 33 | 23 | 100.0 | 400 | 4 | US-08-781-986A-3624 | Sequence 3624, Ap |
| 34 | 23 | 100.0 | 400 | 4 | US-08-781-986A-3634 | Sequence 3634, Ap |
| 35 | 23 | 100.0 | 400 | 4 | US-08-781-986A-3638 | Sequence 3638, Ap |
| 36 | 23 | 100.0 | 400 | 4 | US-08-781-986A-3670 | Sequence 3670, Ap |
| 37 | 23 | 100.0 | 400 | 4 | US-08-781-986A-3675 | Sequence 3675, Ap |
| 38 | 23 | 100.0 | 400 | 4 | US-08-781-986A-3719 | Sequence 3719, Ap |
| 39 | 23 | 100.0 | 400 | 4 | US-08-781-986A-3738 | Sequence 3738, Ap |
| 40 | 23 | 100.0 | 400 | 4 | US-08-781-986A-3748 | Sequence 3748, Ap |
| 41 | 23 | 100.0 | 400 | 4 | US-08-781-986A-3768 | Sequence 3768, Ap |
| 42 | 23 | 100.0 | 400 | 4 | US-08-781-986A-3803 | Sequence 3803, Ap |
| 43 | 23 | 100.0 | 400 | 4 | US-08-781-986A-3866 | Sequence 3866, Ap |
| 44 | 23 | 100.0 | 400 | 4 | US-08-781-986A-3934 | Sequence 3934, Ap |
| 45 | 23 | 100.0 | 401 | 4 | US-08-956-171E-3731 | Sequence 3731, Ap |

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 06:22:02 ; Search time 1188.73 Seconds
(without alignments)
2665.369 Million cell updates/sec

Title: US-09-463-209D-1_COPY_100_166
Perfect score: 67
Sequence: 1 gaagacttaatcaaaataaa.....ttactatctagttttgaatg 67

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 4526729 seqs, 23644849745 residues

Word size : 10

Total number of hits satisfying chosen parameters: 3039

Minimum DB seq length: 0
Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

Database : GenEmbl:*
1: gb_ba:*
2: gb_htg:*
3: gb_in:*
4: gb_om:*
5: gb_ov:*
6: gb_pat:*
7: gb_ph:*
8: gb_pl:*
9: gb_pr:*
10: gb_ro:*
11: gb_sts:*
12: gb_sy:*
13: gb_un:*
14: gb_vi:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | % Query | | | | ID | Description |
|------------|-------|---------|--------|----|--|----------|--------------------|
| | | Match | Length | DB | | | |
| 1 | 56 | 83.6 | 64 | 6 | | AX107642 | AX107642 Sequence |
| 2 | 30 | 44.8 | 50 | 6 | | AR359000 | AR359000 Sequence |
| 3 | 30 | 44.8 | 50 | 6 | | BD080386 | BD080386 Nucleic a |

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| | | | | | | | |
|---|----|----|------|-----|----|------------|---------------------|
| | 4 | 30 | 44.8 | 51 | 6 | AR358976 | AR358976 Sequence |
| | 5 | 28 | 41.8 | 33 | 6 | AX107605 | AX107605 Sequence |
| c | 6 | 28 | 41.8 | 84 | 6 | AR358784 | AR358784 Sequence |
| | 7 | 26 | 38.8 | 60 | 6 | AR359001 | AR359001 Sequence |
| | 8 | 26 | 38.8 | 60 | 6 | BD080387 | BD080387 Nucleic a |
| c | 9 | 23 | 34.3 | 23 | 6 | AX000627 | AX000627 Sequence |
| c | 10 | 23 | 34.3 | 23 | 6 | BD080379 | BD080379 Nucleic a |
| c | 11 | 20 | 29.9 | 20 | 6 | AX000628 | AX000628 Sequence |
| c | 12 | 20 | 29.9 | 20 | 6 | BD080380 | BD080380 Nucleic a |
| c | 13 | 15 | 22.4 | 35 | 6 | AR404461 | AR404461 Sequence |
| | 14 | 15 | 22.4 | 99 | 6 | AX905356 | AX905356 Sequence |
| | 15 | 15 | 22.4 | 99 | 6 | BD040889 | BD040889 Sequence |
| | 16 | 14 | 20.9 | 21 | 6 | AR120054 | AR120054 Sequence |
| | 17 | 14 | 20.9 | 21 | 6 | I13850 | I13850 Sequence 58 |
| c | 18 | 14 | 20.9 | 43 | 6 | AX383937 | AX383937 Sequence |
| c | 19 | 14 | 20.9 | 51 | 6 | CQ002363 | CQ002363 Sequence |
| | 20 | 14 | 20.9 | 82 | 9 | HUMGPIAS10 | D49723 Homo sapien |
| | 21 | 14 | 20.9 | 84 | 6 | BD246507 | BD246507 De elopme |
| c | 22 | 14 | 20.9 | 100 | 10 | RNU12531 | U12531 Rattus norv |
| c | 23 | 13 | 19.4 | 17 | 6 | AR190397 | AR190397 Sequence |
| c | 24 | 13 | 19.4 | 17 | 6 | AR325328 | AR325328 Sequence |
| | 25 | 13 | 19.4 | 19 | 6 | AX130314 | AX130314 Sequence |
| | 26 | 13 | 19.4 | 19 | 6 | AX130315 | AX130315 Sequence |
| | 27 | 13 | 19.4 | 19 | 6 | AX130316 | AX130316 Sequence |
| | 28 | 13 | 19.4 | 19 | 6 | AX130317 | AX130317 Sequence |
| | 29 | 13 | 19.4 | 20 | 6 | AR297321 | AR297321 Sequence |
| | 30 | 13 | 19.4 | 24 | 6 | AX289601 | AX289601 Sequence |
| c | 31 | 13 | 19.4 | 25 | 6 | AR491718 | AR491718 Sequence |
| c | 32 | 13 | 19.4 | 25 | 6 | AX057442 | AX057442 Sequence |
| c | 33 | 13 | 19.4 | 26 | 6 | AX383941 | AX383941 Sequence |
| c | 34 | 13 | 19.4 | 28 | 6 | AR014026 | AR014026 Sequence |
| c | 35 | 13 | 19.4 | 28 | 6 | I21976 | I21976 Sequence 62 |
| | 36 | 13 | 19.4 | 48 | 6 | AR142488 | AR142488 Sequence |
| | 37 | 13 | 19.4 | 48 | 6 | BD070438 | BD070438 Sequence |
| | 38 | 13 | 19.4 | 51 | 6 | AX204273 | AX204273 Sequence |
| c | 39 | 13 | 19.4 | 57 | 6 | BD233868 | BD233868 Sequence |
| c | 40 | 13 | 19.4 | 57 | 6 | AX025289 | AX025289 Sequence |
| | 41 | 13 | 19.4 | 65 | 6 | CQ559969 | CQ559969 Sequence |
| | 42 | 13 | 19.4 | 65 | 6 | AX485236 | AX485236 Sequence |
| | 43 | 13 | 19.4 | 77 | 3 | SLSTEL11 | X72241 S.1.1.1.1 su |
| | 44 | 13 | 19.4 | 77 | 3 | SLSTEL52 | X72242 S.1.1.1.1 su |
| | 45 | 13 | 19.4 | 79 | 8 | AY198660 | AY198660 Sequence |
| c | 46 | 13 | 19.4 | 81 | 6 | AX903889 | AX903889 Sequence |
| c | 47 | 13 | 19.4 | 81 | 6 | BD039422 | BD039422 Sequence |
| c | 48 | 13 | 19.4 | 90 | 6 | AX901626 | AX901626 Sequence |
| c | 49 | 13 | 19.4 | 90 | 6 | BD037159 | BD037159 Sequence |
| c | 50 | 13 | 19.4 | 92 | 6 | AX904091 | AX904091 Sequence |
| c | 51 | 13 | 19.4 | 92 | 6 | BD039624 | BD039624 Sequence |
| c | 52 | 13 | 19.4 | 96 | 6 | AX283219 | AX283219 Sequence |
| c | 53 | 13 | 19.4 | 97 | 6 | AX283225 | AX283225 Sequence |
| | 54 | 13 | 19.4 | 100 | 6 | AX989474 | AX989474 Sequence |
| c | 55 | 13 | 19.4 | 100 | 6 | AX990418 | AX990418 Sequence |
| c | 56 | 13 | 19.4 | 100 | 6 | AX990419 | AX990419 Sequence |
| c | 57 | 13 | 19.4 | 100 | 6 | AX996987 | AX996987 Sequence |
| c | 58 | 12 | 17.9 | 17 | 6 | AX383942 | AX383942 Sequence |
| | 59 | 12 | 17.9 | 18 | 6 | AR019631 | AR019631 Sequence |
| | 60 | 12 | 17.9 | 19 | 6 | AX130313 | AX130313 Sequence |

BEST AVAILABLE COPY

| | | | | | | | |
|-------|----|------|----|----|-----------|-------------|---------|
| 61 | 12 | 17.9 | 20 | 6 | AR092958 | AR092958 S | ence |
| 62 | 12 | 17.9 | 20 | 6 | AR312590 | AR312590 S | ence |
| 63 | 12 | 17.9 | 20 | 6 | AR359460 | AR359460 S | ence |
| c 64 | 12 | 17.9 | 20 | 6 | AX000629 | AX000629 S | ence |
| c 65 | 12 | 17.9 | 20 | 6 | BD080381 | BD080381 L | leic a |
| c 66 | 12 | 17.9 | 22 | 6 | AR014042 | AR014042 S | ence |
| c 67 | 12 | 17.9 | 22 | 6 | I21992 | I21992 S | ence 78 |
| c 68 | 12 | 17.9 | 22 | 6 | AR228278 | AR228278 S | ence |
| c 69 | 12 | 17.9 | 22 | 6 | AX393461 | AX393461 S | ence |
| 70 | 12 | 17.9 | 23 | 8 | ACE391683 | AJ391683 S | um ce |
| c 71 | 12 | 17.9 | 24 | 6 | AX164386 | AX164386 S | ence |
| 72 | 12 | 17.9 | 25 | 6 | AX393511 | AX393511 S | ence |
| c 73 | 12 | 17.9 | 26 | 6 | AR096182 | AR096182 S | ence |
| 74 | 12 | 17.9 | 26 | 6 | BD229976 | BD229976 S | a com |
| c 75 | 12 | 17.9 | 26 | 6 | AR210581 | AR210581 S | ence |
| c 76 | 12 | 17.9 | 27 | 6 | AX115898 | AX115898 S | ence |
| c 77 | 12 | 17.9 | 28 | 9 | HSA241962 | AJ241962 S | a sapi |
| c 78 | 12 | 17.9 | 29 | 6 | BD097143 | BD097143 S | body |
| c 79 | 12 | 17.9 | 30 | 6 | AR096135 | AR096135 S | ence |
| c 80 | 12 | 17.9 | 30 | 6 | AR210534 | AR210534 S | ence |
| 81 | 12 | 17.9 | 30 | 6 | AX793711 | AX793711 S | ence |
| c 82 | 12 | 17.9 | 31 | 6 | AX057532 | AX057532 S | ence |
| 83 | 12 | 17.9 | 31 | 6 | AX248025 | AX248025 S | ence |
| 84 | 12 | 17.9 | 32 | 6 | CQ778960 | CQ778960 S | ence |
| c 85 | 12 | 17.9 | 35 | 6 | A02281 | A02281 S | ytic o |
| c 86 | 12 | 17.9 | 39 | 6 | AX354710 | AX354710 S | ence |
| 87 | 12 | 17.9 | 40 | 6 | BD186519 | BD186519 S | od of |
| c 88 | 12 | 17.9 | 41 | 6 | AX518143 | AX518143 S | ence |
| 89 | 12 | 17.9 | 42 | 8 | ATH532365 | ATH532365 S | dops |
| 90 | 12 | 17.9 | 43 | 6 | AX483584 | AX483584 S | ence |
| 91 | 12 | 17.9 | 45 | 11 | BX467121 | BX467121 S | idops |
| 92 | 12 | 17.9 | 47 | 6 | AR288341 | AR288341 S | ence |
| c 93 | 12 | 17.9 | 47 | 6 | AR288604 | AR288604 S | ence |
| c 94 | 12 | 17.9 | 47 | 6 | AR291122 | AR291122 S | ence |
| 95 | 12 | 17.9 | 47 | 8 | AJ718981 | AJ718981 S | iana |
| c 96 | 12 | 17.9 | 51 | 1 | SHFAMPC3 | KH718981 S | i be |
| 97 | 12 | 17.9 | 51 | 6 | CQ004021 | CQ004021 S | ence |
| c 98 | 12 | 17.9 | 51 | 6 | CQ004971 | CQ004971 S | ence |
| c 99 | 12 | 17.9 | 51 | 6 | CQ006978 | CQ006978 S | ence |
| c 100 | 12 | 17.9 | 51 | 6 | AX157063 | AX157063 S | ence |
| c 101 | 12 | 17.9 | 51 | 6 | AX157064 | AX157064 S | ence |
| 102 | 12 | 17.9 | 51 | 6 | AX160945 | AX160945 S | ence |
| 103 | 12 | 17.9 | 51 | 6 | AX190382 | AX190382 S | ence |
| c 104 | 12 | 17.9 | 51 | 6 | AX190382 | AX190382 S | ence |
| 105 | 12 | 17.9 | 51 | 6 | AX190383 | AX190383 S | ence |
| c 106 | 12 | 17.9 | 52 | 6 | AR355954 | AR355954 S | ence |
| c 107 | 12 | 17.9 | 55 | 8 | ATH521338 | ATH521338 S | dops |
| 108 | 12 | 17.9 | 59 | 6 | AX187697 | AX187697 S | ence |
| 109 | 12 | 17.9 | 60 | 6 | CQ537727 | CQ537727 S | ence |
| 110 | 12 | 17.9 | 60 | 6 | CQ538210 | CQ538210 S | ence |
| 111 | 12 | 17.9 | 60 | 6 | CQ549751 | CQ549751 S | ence |
| 112 | 12 | 17.9 | 62 | 8 | ATH522616 | ATH522616 S | dops |
| c 113 | 12 | 17.9 | 62 | 8 | ATH529265 | ATH529265 S | dops |
| c 114 | 12 | 17.9 | 65 | 6 | AX283231 | AX283231 S | ence |
| c 115 | 12 | 17.9 | 65 | 6 | AX485446 | AX485446 S | ence |
| 116 | 12 | 17.9 | 65 | 6 | AX485800 | AX485800 S | ence |
| c 117 | 12 | 17.9 | 65 | 6 | AX486180 | AX486180 S | ence |

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|-------|----|------|-----|----|-----------|---------------------|
| 118 | 12 | 17.9 | 67 | 3 | S54402 | S 1402 {3 region, |
| c 119 | 12 | 17.9 | 67 | 6 | AR141384 | A 141384 sequence |
| 120 | 12 | 17.9 | 70 | 6 | AX827177 | A 827177 sequence |
| c 121 | 12 | 17.9 | 76 | 6 | BD096144 | BD096144 improved |
| c 122 | 12 | 17.9 | 76 | 11 | BX295666 | BX295666 rabidops |
| c 123 | 12 | 17.9 | 77 | 6 | AX283230 | A 283230 sequence |
| c 124 | 12 | 17.9 | 77 | 11 | BX295664 | BX295664 rabidops |
| 125 | 12 | 17.9 | 83 | 1 | LL23S5S1 | X 3763 L. stis 23 |
| 126 | 12 | 17.9 | 83 | 3 | DDI5ACTIN | M 5213 D. posteli |
| 127 | 12 | 17.9 | 83 | 6 | AR478022 | A 478022 sequence |
| 128 | 12 | 17.9 | 83 | 6 | AX074215 | A 74215 sequence |
| c 129 | 12 | 17.9 | 83 | 9 | AY398609 | AY 98609 Coriella g |
| 130 | 12 | 17.9 | 84 | 6 | AX799280 | A 799280 sequence |
| c 131 | 12 | 17.9 | 84 | 9 | AF267782 | A 267782 mo sapi |
| c 132 | 12 | 17.9 | 86 | 6 | AR096179 | A 96179 sequence |
| c 133 | 12 | 17.9 | 86 | 6 | AR210578 | A 210578 sequence |
| c 134 | 12 | 17.9 | 86 | 8 | PETCABA | M 561 Pe. a chl |
| 135 | 12 | 17.9 | 87 | 6 | AX073616 | A 73616 sequence |
| 136 | 12 | 17.9 | 87 | 6 | AX073617 | A 73617 sequence |
| 137 | 12 | 17.9 | 89 | 9 | HSNL2030R | X 751 H. sp. ins g |
| 138 | 12 | 17.9 | 90 | 6 | AR151446 | A 151446 sequence |
| 139 | 12 | 17.9 | 90 | 6 | CQ644688 | CQ 44688 sequence |
| 140 | 12 | 17.9 | 90 | 6 | AR341319 | A 341319 sequence |
| 141 | 12 | 17.9 | 90 | 6 | AX900608 | A 900608 sequence |
| 142 | 12 | 17.9 | 90 | 6 | BD036141 | B 036141 sequence |
| c 143 | 12 | 17.9 | 91 | 6 | AR096132 | A 96132 sequence |
| c 144 | 12 | 17.9 | 91 | 6 | AR210531 | A 210531 sequence |
| c 145 | 12 | 17.9 | 93 | 6 | AX283224 | A 283224 sequence |
| 146 | 12 | 17.9 | 93 | 6 | AX482095 | A 482095 sequence |
| 147 | 12 | 17.9 | 93 | 6 | AX511334 | A 511334 sequence |
| 148 | 12 | 17.9 | 93 | 6 | AX721695 | A 721695 sequence |
| c 149 | 12 | 17.9 | 95 | 6 | AX283223 | A 283223 sequence |
| c 150 | 12 | 17.9 | 95 | 6 | AX283234 | A 283234 sequence |
| c 151 | 12 | 17.9 | 95 | 6 | AX283235 | A 283235 sequence |
| c 152 | 12 | 17.9 | 96 | 6 | AX134505 | A 134505 sequence |
| c 153 | 12 | 17.9 | 96 | 6 | AX283220 | A 283220 sequence |
| c 154 | 12 | 17.9 | 98 | 6 | AX283222 | A 283222 sequence |
| 155 | 12 | 17.9 | 100 | 6 | CQ001338 | CQ 001338 sequence |
| 156 | 12 | 17.9 | 100 | 6 | AX994895 | A 994895 sequence |
| 157 | 12 | 17.9 | 100 | 6 | AX994896 | A 994896 sequence |
| c 158 | 12 | 17.9 | 100 | 6 | AX996986 | AX 996986 sequence |
| c 159 | 12 | 17.9 | 100 | 6 | AX998472 | A 998472 sequence |
| 160 | 12 | 17.9 | 100 | 6 | AX999014 | A 999014 sequence |
| 161 | 11 | 16.4 | 11 | 6 | CQ833221 | CQ 833221 sequence |
| c 162 | 11 | 16.4 | 15 | 6 | I35116 | I 35116 sequence 84 |
| c 163 | 11 | 16.4 | 15 | 6 | I35117 | I 35117 sequence 85 |
| 164 | 11 | 16.4 | 16 | 6 | AR436095 | A 436095 sequence |
| c 165 | 11 | 16.4 | 16 | 6 | AX383912 | A 383912 sequence |
| 166 | 11 | 16.4 | 17 | 6 | AX214751 | A 214751 sequence |
| 167 | 11 | 16.4 | 17 | 6 | AX214752 | A 214752 sequence |
| 168 | 11 | 16.4 | 17 | 6 | AX214753 | A 214753 sequence |
| 169 | 11 | 16.4 | 17 | 6 | AX216458 | A 216458 sequence |
| 170 | 11 | 16.4 | 17 | 6 | AX216713 | A 216713 sequence |
| 171 | 11 | 16.4 | 17 | 6 | AX578926 | A 578926 sequence |
| 172 | 11 | 16.4 | 17 | 6 | AX579651 | AX 579651 sequence |
| 173 | 11 | 16.4 | 17 | 6 | AX579860 | A 579860 sequence |
| c 174 | 11 | 16.4 | 17 | 6 | AX674806 | AX 674806 sequence |

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|-------|----|------|----|----|-----------|-----------|--------|
| 175 | 11 | 16.4 | 17 | 6 | AX739169 | AX739169 | ence |
| c 176 | 11 | 16.4 | 18 | 6 | A27223 | A27223 Sy | ic r |
| c 177 | 11 | 16.4 | 18 | 6 | AR052631 | AR052631 | ence |
| 178 | 11 | 16.4 | 19 | 6 | AR292496 | AR292496 | ence |
| c 179 | 11 | 16.4 | 19 | 6 | AR297065 | AR297065 | ence |
| c 180 | 11 | 16.4 | 20 | 6 | AR026602 | AR026602 | ence |
| 181 | 11 | 16.4 | 20 | 6 | AR107596 | AR107596 | ence |
| 182 | 11 | 16.4 | 20 | 6 | AR107597 | AR107597 | ence |
| 183 | 11 | 16.4 | 20 | 6 | AR107598 | AR107598 | ence |
| 184 | 11 | 16.4 | 20 | 6 | BD218323 | BD218323 | castle |
| c 185 | 11 | 16.4 | 20 | 6 | AR203139 | AR203139 | ence |
| c 186 | 11 | 16.4 | 20 | 6 | AR205408 | AR205408 | ence |
| 187 | 11 | 16.4 | 20 | 6 | AR226143 | AR226143 | ence |
| 188 | 11 | 16.4 | 20 | 6 | AR293101 | AR293101 | ence |
| c 189 | 11 | 16.4 | 20 | 6 | AR313672 | AR313672 | ence |
| 190 | 11 | 16.4 | 20 | 6 | AR492829 | AR492829 | ence |
| 191 | 11 | 16.4 | 20 | 6 | AX008435 | AX008435 | ence |
| c 192 | 11 | 16.4 | 20 | 6 | AX076383 | AX076383 | ence |
| c 193 | 11 | 16.4 | 20 | 6 | AX139694 | AX139694 | ence |
| c 194 | 11 | 16.4 | 20 | 6 | AX204955 | AX204955 | ence |
| 195 | 11 | 16.4 | 20 | 6 | AX294720 | AX294720 | ence |
| c 196 | 11 | 16.4 | 20 | 6 | AX644862 | AX644862 | ence |
| 197 | 11 | 16.4 | 21 | 6 | E35954 | E35954 Ne | for |
| 198 | 11 | 16.4 | 21 | 6 | E36597 | E36597 An | son |
| 199 | 11 | 16.4 | 21 | 6 | AR275183 | AR275183 | ence |
| 200 | 11 | 16.4 | 21 | 6 | AR297402 | AR297402 | ence |
| c 201 | 11 | 16.4 | 21 | 6 | AR297466 | AR297466 | ence |
| 202 | 11 | 16.4 | 21 | 6 | AR492293 | AR492293 | ence |
| c 203 | 11 | 16.4 | 22 | 4 | DOGP41001 | DOGP41001 | ence |
| c 204 | 11 | 16.4 | 22 | 6 | BD226457 | BD226457 | ence |
| 205 | 11 | 16.4 | 22 | 6 | CQ802805 | CQ802805 | ence |
| 206 | 11 | 16.4 | 22 | 6 | AR492279 | AR492279 | ence |
| c 207 | 11 | 16.4 | 22 | 6 | AX375728 | AX375728 | ence |
| c 208 | 11 | 16.4 | 22 | 6 | AX375729 | AX375729 | ence |
| 209 | 11 | 16.4 | 23 | 6 | AR042891 | AR042891 | ence |
| 210 | 11 | 16.4 | 23 | 6 | BD184587 | BD184587 | ence |
| 211 | 11 | 16.4 | 23 | 6 | BD184642 | BD184642 | ence |
| 212 | 11 | 16.4 | 23 | 6 | CQ829323 | CQ829323 | ence |
| c 213 | 11 | 16.4 | 23 | 6 | AX529519 | AX529519 | ence |
| 214 | 11 | 16.4 | 23 | 6 | AX742734 | AX742734 | ence |
| 215 | 11 | 16.4 | 23 | 6 | AX742789 | AX742789 | ence |
| c 216 | 11 | 16.4 | 23 | 6 | BD089154 | BD089154 | ence |
| 217 | 11 | 16.4 | 23 | 11 | DOGP41001 | DOGP41001 | ence |
| c 218 | 11 | 16.4 | 24 | 6 | AR014002 | AR014002 | ence |
| 219 | 11 | 16.4 | 24 | 6 | CQ829325 | CQ829325 | ence |
| 220 | 11 | 16.4 | 24 | 6 | CQ829326 | CQ829326 | ence |
| c 221 | 11 | 16.4 | 24 | 6 | I21952 | I21952 Se | ence |
| 222 | 11 | 16.4 | 24 | 6 | AX004452 | AX004452 | ence |
| 223 | 11 | 16.4 | 24 | 6 | AX290087 | AX290087 | ence |
| c 224 | 11 | 16.4 | 24 | 6 | AX342702 | AX342702 | ence |
| 225 | 11 | 16.4 | 24 | 6 | AX342703 | AX342703 | ence |
| c 226 | 11 | 16.4 | 25 | 6 | AR150764 | AR150764 | ence |
| c 227 | 11 | 16.4 | 25 | 6 | BD230482 | BD230482 | ence |
| 228 | 11 | 16.4 | 25 | 6 | BD271132 | BD271132 | ence |
| 229 | 11 | 16.4 | 25 | 6 | CQ829328 | CQ829328 | ence |
| 230 | 11 | 16.4 | 25 | 6 | E49283 | E49283 | ence |
| c 231 | 11 | 16.4 | 25 | 6 | I15958 | I15958 | ence |

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|-------|----|------|----|---|-----------|----------------|------|
| c 232 | 11 | 16.4 | 25 | 6 | I19231 | I19231 Sequ | 3 |
| c 233 | 11 | 16.4 | 25 | 6 | I96157 | I96157 Sequ | 59 |
| 234 | 11 | 16.4 | 25 | 6 | AR258492 | AR258492 Sequ | nce |
| 235 | 11 | 16.4 | 25 | 6 | AR299504 | AR299504 Sequ | nce |
| c 236 | 11 | 16.4 | 25 | 6 | AR338327 | AR338327 Sequ | nce |
| 237 | 11 | 16.4 | 25 | 6 | AX009718 | AX009718 Sequ | nce |
| c 238 | 11 | 16.4 | 25 | 6 | AX394143 | AX394143 Sequ | nce |
| 239 | 11 | 16.4 | 25 | 6 | BD094875 | BD094875 Sequ | pro |
| c 240 | 11 | 16.4 | 25 | 8 | ATH520463 | ATH520463 Sequ | dops |
| 241 | 11 | 16.4 | 26 | 6 | A68594 | A68594 Sequ | 8 |
| 242 | 11 | 16.4 | 26 | 6 | A79379 | A79379 Sequ | 8 |
| 243 | 11 | 16.4 | 26 | 6 | AR034228 | AR034228 Sequ | nce |
| 244 | 11 | 16.4 | 26 | 6 | AR111576 | AR111576 Sequ | nce |
| 245 | 11 | 16.4 | 26 | 6 | AR158202 | AR158202 Sequ | nce |
| c 246 | 11 | 16.4 | 26 | 6 | AR164884 | AR164884 Sequ | nce |
| c 247 | 11 | 16.4 | 26 | 6 | CQ819091 | CQ819091 Sequ | nce |
| c 248 | 11 | 16.4 | 26 | 6 | CQ828184 | CQ828184 Sequ | nce |
| c 249 | 11 | 16.4 | 26 | 6 | CQ829069 | CQ829069 Sequ | nce |
| c 250 | 11 | 16.4 | 26 | 6 | CQ829329 | CQ829329 Sequ | nce |
| c 251 | 11 | 16.4 | 26 | 6 | CQ829330 | CQ829330 Sequ | nce |
| 252 | 11 | 16.4 | 26 | 6 | AR267777 | AR267777 Sequ | nce |
| 253 | 11 | 16.4 | 26 | 6 | AR365812 | AR365812 Sequ | nce |
| c 254 | 11 | 16.4 | 26 | 6 | AR490685 | AR490685 Sequ | nce |
| 255 | 11 | 16.4 | 26 | 6 | AX052697 | AX052697 Sequ | nce |
| 256 | 11 | 16.4 | 26 | 6 | AX284183 | AX284183 Sequ | nce |
| c 257 | 11 | 16.4 | 27 | 6 | E35105 | E35105 Trunk | ed c |
| c 258 | 11 | 16.4 | 27 | 6 | AX196317 | AX196317 Sequ | nce |
| 259 | 11 | 16.4 | 27 | 6 | AX443172 | AX443172 Sequ | nce |
| 260 | 11 | 16.4 | 27 | 6 | AX443174 | AX443174 Sequ | nce |
| c 261 | 11 | 16.4 | 27 | 6 | AX583811 | AX583811 Sequ | nce |
| 262 | 11 | 16.4 | 27 | 6 | AX742862 | AX742862 Sequ | nce |
| c 263 | 11 | 16.4 | 27 | 6 | AX794843 | AX794843 Sequ | nce |
| c 264 | 11 | 16.4 | 28 | 6 | AR042829 | AR042829 Sequ | nce |
| c 265 | 11 | 16.4 | 28 | 6 | AR140814 | AR140814 Sequ | nce |
| c 266 | 11 | 16.4 | 28 | 6 | I65642 | I65642 Sequ | 2 |
| c 267 | 11 | 16.4 | 28 | 6 | I67874 | I67874 Sequ | 2 |
| c 268 | 11 | 16.4 | 28 | 6 | I90095 | I90095 Sequ | 2 |
| c 269 | 11 | 16.4 | 28 | 6 | AR344654 | AR344654 Sequ | nce |
| c 270 | 11 | 16.4 | 28 | 6 | AR476986 | AR476986 Sequ | nce |
| 271 | 11 | 16.4 | 28 | 6 | AX115983 | AX115983 Sequ | nce |
| 272 | 11 | 16.4 | 29 | 6 | AR122392 | AR122392 Sequ | nce |
| c 273 | 11 | 16.4 | 29 | 6 | CQ829288 | CQ829288 Sequ | nce |
| 274 | 11 | 16.4 | 30 | 6 | A24732 | A24732 pro | 2014 |
| 275 | 11 | 16.4 | 30 | 6 | AR028235 | AR028235 Sequ | nce |
| 276 | 11 | 16.4 | 30 | 6 | AR138638 | AR138638 Sequ | nce |
| c 277 | 11 | 16.4 | 30 | 6 | E03264 | E03264 DNA | nc |
| 278 | 11 | 16.4 | 30 | 6 | E63408 | E63408 Inhib | ory |
| 279 | 11 | 16.4 | 30 | 6 | AR374970 | AR374970 Sequ | nce |
| 280 | 11 | 16.4 | 30 | 6 | AX791069 | AX791069 Sequ | nce |
| 281 | 11 | 16.4 | 30 | 6 | AX791290 | AX791290 Sequ | nce |
| c 282 | 11 | 16.4 | 30 | 6 | AX792286 | AX792286 Sequ | nce |
| c 283 | 11 | 16.4 | 30 | 6 | BD174234 | BD174234 Sequ | gni |
| c 284 | 11 | 16.4 | 31 | 6 | AR176183 | AR176183 Sequ | nce |
| c 285 | 11 | 16.4 | 31 | 6 | CQ829292 | CQ829292 Sequ | nce |
| c 286 | 11 | 16.4 | 31 | 6 | AX768384 | AX768384 Sequ | nce |
| 287 | 11 | 16.4 | 33 | 6 | AR491626 | AR491626 Sequ | nce |
| c 288 | 11 | 16.4 | 33 | 6 | AX032948 | AX032948 Sequ | nce |

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|-------|----|------|----|---|-----------|---|---------|------|
| 289 | 11 | 16.4 | 33 | 6 | AX923074 | A | 923074 | nce |
| 290 | 11 | 16.4 | 33 | 6 | BD074888 | B | 074888 | A s |
| c 291 | 11 | 16.4 | 34 | 6 | AX452008 | A | 52008 | nce |
| c 292 | 11 | 16.4 | 34 | 6 | AX538797 | A | 538797 | nce |
| 293 | 11 | 16.4 | 35 | 6 | AR143381 | A | 43381 | nce |
| 294 | 11 | 16.4 | 35 | 6 | AX768383 | A | 768383 | nce |
| 295 | 11 | 16.4 | 35 | 6 | BD103667 | B | 103667 | ved |
| 296 | 11 | 16.4 | 36 | 6 | CQ829301 | C | 829301 | nce |
| c 297 | 11 | 16.4 | 36 | 6 | AX832746 | A | 832746 | nce |
| 298 | 11 | 16.4 | 36 | 6 | AX937507 | A | 937507 | nce |
| c 299 | 11 | 16.4 | 36 | 8 | ATH527362 | A | 527362 | dops |
| c 300 | 11 | 16.4 | 37 | 6 | A67625 | A | 7625 Se | 45 |
| c 301 | 11 | 16.4 | 37 | 6 | AR089763 | A | 089763 | nce |
| 302 | 11 | 16.4 | 37 | 6 | CQ759193 | C | 759193 | nce |
| c 303 | 11 | 16.4 | 37 | 6 | CQ759194 | C | 759194 | nce |
| 304 | 11 | 16.4 | 37 | 6 | CQ759363 | C | 759363 | nce |
| 305 | 11 | 16.4 | 37 | 6 | E63418 | E | 63418 | for |
| c 306 | 11 | 16.4 | 37 | 6 | AX223034 | A | 223034 | nce |
| 307 | 11 | 16.4 | 37 | 6 | BD010266 | B | 010266 | t pr |
| 308 | 11 | 16.4 | 37 | 6 | BD015314 | B | 015314 | d of |
| c 309 | 11 | 16.4 | 38 | 6 | AR099493 | A | 09493 | nce |
| c 310 | 11 | 16.4 | 38 | 6 | AR178774 | A | 178774 | nce |
| c 311 | 11 | 16.4 | 38 | 6 | CQ829302 | C | 829302 | nce |
| c 312 | 11 | 16.4 | 38 | 6 | E52278 | E | 2278 Li | flu |
| c 313 | 11 | 16.4 | 38 | 6 | AX832778 | A | 832778 | nce |
| c 314 | 11 | 16.4 | 38 | 6 | AX923060 | A | 923060 | nce |
| 315 | 11 | 16.4 | 38 | 6 | AX937513 | A | 937513 | nce |
| 316 | 11 | 16.4 | 38 | 6 | BD137969 | B | 137969 | nce |
| c 317 | 11 | 16.4 | 39 | 6 | BD160855 | B | 160855 | redu |
| 318 | 11 | 16.4 | 40 | 6 | BD235752 | B | 235752 | gthe |
| 319 | 11 | 16.4 | 40 | 6 | BD235803 | B | 235803 | of |
| c 320 | 11 | 16.4 | 40 | 6 | AR182581 | A | 182581 | nce |
| c 321 | 11 | 16.4 | 40 | 6 | AX516793 | A | 516793 | nce |
| c 322 | 11 | 16.4 | 41 | 6 | AX514826 | A | 514826 | nce |
| c 323 | 11 | 16.4 | 41 | 6 | AX515963 | A | 515963 | nce |
| 324 | 11 | 16.4 | 41 | 6 | AX516308 | A | 516308 | nce |
| 325 | 11 | 16.4 | 41 | 6 | AX516465 | A | 516465 | nce |
| 326 | 11 | 16.4 | 41 | 6 | AX516705 | A | 516705 | nce |
| c 327 | 11 | 16.4 | 41 | 6 | AX516771 | A | 516771 | nce |
| c 328 | 11 | 16.4 | 41 | 6 | AX517180 | A | 517180 | nce |
| c 329 | 11 | 16.4 | 41 | 6 | AX517391 | A | 517391 | nce |
| 330 | 11 | 16.4 | 41 | 6 | AX518704 | A | 518704 | nce |
| 331 | 11 | 16.4 | 41 | 6 | AX518869 | A | 518869 | nce |
| c 332 | 11 | 16.4 | 41 | 6 | AX518934 | A | 518934 | nce |
| 333 | 11 | 16.4 | 41 | 6 | AX520073 | A | 520073 | nce |
| c 334 | 11 | 16.4 | 42 | 6 | AR118121 | A | 118121 | nce |
| c 335 | 11 | 16.4 | 42 | 6 | BD193285 | B | 193285 | ctio |
| c 336 | 11 | 16.4 | 42 | 6 | BD267435 | B | 267435 | ohy |
| 337 | 11 | 16.4 | 42 | 6 | I86954 | I | 86954 | 43 |
| c 338 | 11 | 16.4 | 42 | 6 | AR337789 | A | 337789 | nce |
| c 339 | 11 | 16.4 | 43 | 6 | AX483538 | A | 483538 | nce |
| 340 | 11 | 16.4 | 43 | 6 | AX484580 | A | 484580 | nce |
| 341 | 11 | 16.4 | 44 | 6 | AX597789 | A | 597789 | nce |
| 342 | 11 | 16.4 | 44 | 6 | AX597824 | A | 597824 | nce |
| 343 | 11 | 16.4 | 45 | 8 | ATH551969 | A | 551969 | dops |
| 344 | 11 | 16.4 | 46 | 6 | AR003083 | A | 003083 | nce |
| 345 | 11 | 16.4 | 46 | 6 | AR003176 | A | 003176 | nce |

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| 346 | 11 | 16.4 | 46 | 6 | AR009026 | A 009026 | ence |
| 347 | 11 | 16.4 | 46 | 6 | AR011150 | A 011150 | ence |
| 348 | 11 | 16.4 | 46 | 6 | AR011434 | A 011434 | ence |
| 349 | 11 | 16.4 | 46 | 6 | AR052681 | A 052681 | ence |
| 350 | 11 | 16.4 | 46 | 6 | AR060992 | A 060992 | ence |
| 351 | 11 | 16.4 | 46 | 6 | AR087723 | A 087723 | ence |
| 352 | 11 | 16.4 | 46 | 6 | AR175114 | A 175114 | ence |
| 353 | 11 | 16.4 | 46 | 6 | I17788 | I 17788 | Sequ e 17 |
| 354 | 11 | 16.4 | 46 | 6 | I18072 | I 18072 | Sequ e 30 |
| 355 | 11 | 16.4 | 46 | 6 | I19193 | I 19193 | Sequ e 13 |
| 356 | 11 | 16.4 | 46 | 6 | I19213 | I 19213 | Sequ e 33 |
| 357 | 11 | 16.4 | 46 | 6 | I20054 | I 20054 | Sequ e 17 |
| 358 | 11 | 16.4 | 46 | 6 | I74700 | I 74700 | Sequ e 40 |
| c 359 | 11 | 16.4 | 46 | 6 | AR233639 | AR233639 | ence |
| 360 | 11 | 16.4 | 46 | 6 | AR287994 | AR287994 | ence |
| 361 | 11 | 16.4 | 46 | 6 | AR360128 | A 360128 | ence |
| 362 | 11 | 16.4 | 46 | 6 | AR408188 | A 40 188 | ence |
| c 363 | 11 | 16.4 | 46 | 8 | ATH525484 | A 525484 | dops |
| c 364 | 11 | 16.4 | 47 | 6 | A49415 | A 49415 | Sequ e 8 |
| 365 | 11 | 16.4 | 47 | 6 | AR289552 | A 289552 | Sequ e nce |
| 366 | 11 | 16.4 | 47 | 6 | AR291931 | A 291 31 | Sequ e nce |
| 367 | 11 | 16.4 | 47 | 6 | AX194741 | A 194741 | Sequ e nce |
| c 368 | 11 | 16.4 | 47 | 6 | AX378274 | A 378274 | Sequ e nce |
| 369 | 11 | 16.4 | 49 | 6 | AR125795 | AR125795 | Sequ e nce |
| c 370 | 11 | 16.4 | 49 | 6 | CQ654575 | CQ654575 | Sequ e nce |
| 371 | 11 | 16.4 | 49 | 6 | I47207 | I 47207 | Sequ e 13 |
| 372 | 11 | 16.4 | 50 | 6 | CQ002619 | C 002619 | Sequ e nce |
| 373 | 11 | 16.4 | 50 | 6 | CQ002620 | C 002620 | Sequ e nce |
| 374 | 11 | 16.4 | 50 | 6 | CQ005715 | C 005715 | Sequ e nce |
| c 375 | 11 | 16.4 | 50 | 6 | CQ005779 | C 005779 | Sequ e nce |
| c 376 | 11 | 16.4 | 50 | 6 | CQ005780 | C 005780 | Sequ e nce |
| c 377 | 11 | 16.4 | 50 | 6 | CQ006016 | C 006016 | Sequ e nce |
| c 378 | 11 | 16.4 | 50 | 6 | CQ007012 | CQ007012 | Sequ e nce |
| c 379 | 11 | 16.4 | 50 | 6 | AR214027 | AR214027 | Sequ e nce |
| c 380 | 11 | 16.4 | 50 | 6 | AR215018 | A 215018 | Sequ e nce |
| c 381 | 11 | 16.4 | 50 | 6 | AR215207 | A 21 20 | Sequ e nce |
| c 382 | 11 | 16.4 | 50 | 6 | AX364677 | A 364677 | Sequ e nce |
| 383 | 11 | 16.4 | 51 | 6 | CQ005261 | C 005261 | Sequ e nce |
| 384 | 11 | 16.4 | 51 | 6 | CQ005716 | C 005716 | Sequ e nce |
| c 385 | 11 | 16.4 | 51 | 6 | CQ006297 | C 006297 | Sequ e nce |
| 386 | 11 | 16.4 | 51 | 6 | CQ007005 | CQ007005 | Sequ e nce |
| c 387 | 11 | 16.4 | 51 | 6 | E15914 | E 5914 | Sequ e 7/1 |
| c 388 | 11 | 16.4 | 51 | 6 | E15915 | E15915 | Sequ e 7/1 |
| 389 | 11 | 16.4 | 51 | 6 | AX118345 | AX118345 | Sequ e nce |
| c 390 | 11 | 16.4 | 51 | 6 | AX159303 | AX159303 | Sequ e nce |
| c 391 | 11 | 16.4 | 51 | 6 | AX159304 | A 159304 | Sequ e nce |
| 392 | 11 | 16.4 | 51 | 6 | AX160395 | A 16 395 | Sequ e nce |
| 393 | 11 | 16.4 | 51 | 6 | AX161491 | A 161491 | Sequ e nce |
| c 394 | 11 | 16.4 | 51 | 6 | AX165156 | A 16 51 | Sequ e nce |
| c 395 | 11 | 16.4 | 51 | 6 | AX165276 | A 16 276 | Sequ e nce |
| c 396 | 11 | 16.4 | 51 | 6 | AX165277 | A 16 277 | Sequ e nce |
| 397 | 11 | 16.4 | 51 | 6 | AX522611 | A 522611 | Sequ e nce |
| c 398 | 11 | 16.4 | 52 | 6 | A72768 | A 72768 | Sequ e 3 |
| c 399 | 11 | 16.4 | 53 | 1 | ECARGG | X 963 E. | DNA |
| c 400 | 11 | 16.4 | 53 | 6 | CQ654380 | CQ654380 | Sequ e nce |
| c 401 | 11 | 16.4 | 53 | 6 | E04181 | E04181 | Sequ e nce |
| 402 | 11 | 16.4 | 54 | 6 | AR358913 | AR358913 | Sequ e nce |

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| 403 | 11 | 16.4 | 54 | 6 | AR358924 | AR358924 | ence |
| c 404 | 11 | 16.4 | 55 | 3 | DME426739 | AR426739 | phil |
| 405 | 11 | 16.4 | 55 | 6 | E04180 | E04180 | stra |
| 406 | 11 | 16.4 | 55 | 6 | AX899523 | AX899523 | nce |
| 407 | 11 | 16.4 | 55 | 6 | BD035056 | BD035056 | nce |
| c 408 | 11 | 16.4 | 57 | 6 | AR356315 | AR356315 | nce |
| c 409 | 11 | 16.4 | 57 | 8 | ATH531511 | ATH531511 | dops |
| c 410 | 11 | 16.4 | 57 | 11 | BX296316 | BX296316 | idops |
| c 411 | 11 | 16.4 | 58 | 6 | AR358859 | AR358859 | nce |
| 412 | 11 | 16.4 | 58 | 6 | AX522620 | AX522620 | nce |
| 413 | 11 | 16.4 | 59 | 6 | AR178722 | AR178722 | nce |
| 414 | 11 | 16.4 | 59 | 6 | BD251236 | BD251236 | nucl |
| 415 | 11 | 16.4 | 59 | 6 | AR205427 | AR205427 | nce |
| 416 | 11 | 16.4 | 59 | 6 | AR220119 | AR220119 | nce |
| 417 | 11 | 16.4 | 59 | 6 | AR221508 | AR221508 | nce |
| 418 | 11 | 16.4 | 59 | 6 | AR254210 | AR254210 | nce |
| 419 | 11 | 16.4 | 59 | 6 | AR282416 | AR282416 | nce |
| c 420 | 11 | 16.4 | 59 | 6 | AR357407 | AR357407 | nce |
| 421 | 11 | 16.4 | 59 | 6 | AR368323 | AR368323 | nce |
| 422 | 11 | 16.4 | 59 | 8 | ATH524804 | ATH524804 | dops |
| c 423 | 11 | 16.4 | 60 | 6 | BD180861 | BD180861 | of |
| 424 | 11 | 16.4 | 60 | 6 | CQ540823 | CQ540823 | nce |
| c 425 | 11 | 16.4 | 60 | 6 | CQ543512 | CQ543512 | nce |
| c 426 | 11 | 16.4 | 60 | 6 | CQ546535 | CQ546535 | nce |
| c 427 | 11 | 16.4 | 60 | 6 | CQ550086 | CQ550086 | nce |
| 428 | 11 | 16.4 | 60 | 6 | CQ562280 | CQ562280 | nce |
| c 429 | 11 | 16.4 | 60 | 8 | ATH523031 | ATH523031 | dops |
| 430 | 11 | 16.4 | 60 | 10 | AF357331 | AF357331 | uscu |
| c 431 | 11 | 16.4 | 61 | 6 | AX683352 | AX683352 | nce |
| c 432 | 11 | 16.4 | 62 | 3 | BRPMBOI | BRPMBOI | ti Mb |
| 433 | 11 | 16.4 | 64 | 6 | BD235385 | BD235385 | lati |
| 434 | 11 | 16.4 | 64 | 8 | ATH525930 | ATH525930 | dops |
| 435 | 11 | 16.4 | 65 | 6 | CQ532093 | CQ532093 | nce |
| 436 | 11 | 16.4 | 65 | 6 | CQ533334 | CQ533334 | nce |
| 437 | 11 | 16.4 | 65 | 6 | CQ555909 | CQ555909 | nce |
| 438 | 11 | 16.4 | 65 | 6 | CQ560474 | CQ560474 | nce |
| 439 | 11 | 16.4 | 65 | 6 | AR486757 | AR486757 | nce |
| 440 | 11 | 16.4 | 65 | 6 | AX008952 | AX008952 | nce |
| c 441 | 11 | 16.4 | 65 | 6 | AX483164 | AX483164 | nce |
| 442 | 11 | 16.4 | 65 | 6 | AX483286 | AX483286 | nce |
| c 443 | 11 | 16.4 | 65 | 6 | AX483710 | AX483710 | nce |
| 444 | 11 | 16.4 | 65 | 6 | AX483950 | AX483950 | nce |
| c 445 | 11 | 16.4 | 65 | 6 | AX484080 | AX484080 | nce |
| c 446 | 11 | 16.4 | 65 | 6 | AX484134 | AX484134 | nce |
| c 447 | 11 | 16.4 | 65 | 6 | AX484301 | AX484301 | nce |
| 448 | 11 | 16.4 | 65 | 6 | AX484854 | AX484854 | nce |
| 449 | 11 | 16.4 | 65 | 6 | AX484978 | AX484978 | nce |
| c 450 | 11 | 16.4 | 65 | 6 | AX485127 | AX485127 | nce |
| c 451 | 11 | 16.4 | 65 | 6 | AX485170 | AX485170 | nce |
| 452 | 11 | 16.4 | 65 | 6 | AX485176 | AX485176 | nce |
| c 453 | 11 | 16.4 | 65 | 6 | AX485579 | AX485579 | nce |
| 454 | 11 | 16.4 | 65 | 6 | AX485624 | AX485624 | nce |
| 455 | 11 | 16.4 | 65 | 6 | AX485721 | AX485721 | nce |
| c 456 | 11 | 16.4 | 66 | 6 | AR003084 | AR003084 | nce |
| c 457 | 11 | 16.4 | 66 | 6 | AR003177 | AR003177 | nce |
| c 458 | 11 | 16.4 | 66 | 6 | AR011151 | AR011151 | nce |
| c 459 | 11 | 16.4 | 66 | 6 | I17789 | I17789 | e 18 |

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|-------|----|------|----|----|------------|-------------|--------|
| c 460 | 11 | 16.4 | 66 | 6 | I19214 | I19214 Sequ | e 34 |
| c 461 | 11 | 16.4 | 66 | 6 | I20055 | I20055 Sequ | e 18 |
| c 462 | 11 | 16.4 | 66 | 6 | AR408189 | AR408189 S | nce |
| c 463 | 11 | 16.4 | 66 | 6 | AX597792 | AX597792 S | nce |
| c 464 | 11 | 16.4 | 66 | 6 | AX597793 | AX597793 S | nce |
| c 465 | 11 | 16.4 | 66 | 6 | AX597827 | AX597827 S | nce |
| c 466 | 11 | 16.4 | 66 | 6 | AX597828 | AX597828 S | nce |
| 467 | 11 | 16.4 | 66 | 6 | AX899673 | AX899673 S | nce |
| 468 | 11 | 16.4 | 66 | 6 | BD035206 | BD035206 S | nce |
| c 469 | 11 | 16.4 | 67 | 3 | S54400 | S54400 {3 | tion, |
| c 470 | 11 | 16.4 | 68 | 6 | AR052804 | AR052804 S | nce |
| c 471 | 11 | 16.4 | 68 | 6 | AR127976 | AR127976 S | nce |
| c 472 | 11 | 16.4 | 68 | 6 | AR288117 | AR288117 S | nce |
| 473 | 11 | 16.4 | 68 | 6 | AR358834 | AR358834 S | nce |
| c 474 | 11 | 16.4 | 68 | 6 | AR408321 | AR408321 S | nce |
| c 475 | 11 | 16.4 | 68 | 6 | AX283236 | AX283236 S | nce |
| c 476 | 11 | 16.4 | 68 | 6 | AX523231 | AX523231 S | nce |
| c 477 | 11 | 16.4 | 71 | 6 | AR356351 | AR356351 S | nce |
| c 478 | 11 | 16.4 | 72 | 6 | AX187965 | AX187965 S | nce |
| 479 | 11 | 16.4 | 72 | 10 | MUSIGHNA | MUSIGHNA M | activ |
| 480 | 11 | 16.4 | 73 | 6 | AX522908 | AX522908 S | nce |
| 481 | 11 | 16.4 | 73 | 6 | AX899367 | AX899367 S | nce |
| 482 | 11 | 16.4 | 73 | 6 | BD034900 | BD034900 S | nce |
| 483 | 11 | 16.4 | 75 | 9 | AY653367 | AY653367 S | sapi |
| 484 | 11 | 16.4 | 77 | 6 | AR042758 | AR042758 S | nce |
| 485 | 11 | 16.4 | 77 | 6 | AR358839 | AR358839 S | nce |
| 486 | 11 | 16.4 | 77 | 6 | AR476915 | AR476915 S | nce |
| 487 | 11 | 16.4 | 77 | 14 | S76953 | S76953 { | ranged |
| 488 | 11 | 16.4 | 78 | 6 | AX904934 | AX904934 S | nce |
| 489 | 11 | 16.4 | 78 | 6 | BD040467 | BD040467 S | nce |
| 490 | 11 | 16.4 | 79 | 6 | I19267 | I19267 Se | e 39 |
| 491 | 11 | 16.4 | 79 | 6 | I19275 | I19275 Se | e 47 |
| 492 | 11 | 16.4 | 79 | 6 | I19291 | I19291 Se | e 63 |
| 493 | 11 | 16.4 | 79 | 6 | AX913944 | AX913944 S | nce |
| 494 | 11 | 16.4 | 79 | 6 | BD049477 | BD049477 S | nce |
| 495 | 11 | 16.4 | 79 | 9 | HUMD3E11M3 | HUMD3E11M3 | PG2 |
| 496 | 11 | 16.4 | 80 | 3 | AF461093 | AF461093 S | ndiu |
| 497 | 11 | 16.4 | 80 | 6 | CQ081624 | CQ081624 S | nce |
| 498 | 11 | 16.4 | 80 | 6 | CQ116288 | CQ116288 S | nce |
| 499 | 11 | 16.4 | 80 | 6 | CQ155013 | CQ155013 S | nce |
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| 501 | 11 | 16.4 | 80 | 6 | CQ238252 | CQ238252 S | nce |
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| 503 | 11 | 16.4 | 80 | 6 | CQ312836 | CQ312836 S | nce |
| 504 | 11 | 16.4 | 80 | 6 | CQ350386 | CQ350386 S | nce |
| 505 | 11 | 16.4 | 80 | 6 | I19243 | I19243 Se | e 15 |
| 506 | 11 | 16.4 | 80 | 6 | I19281 | I19281 Se | e 53 |
| 507 | 11 | 16.4 | 80 | 6 | I19288 | I19288 Se | e 60 |
| 508 | 11 | 16.4 | 80 | 6 | I19298 | I19298 Se | e 70 |
| 509 | 11 | 16.4 | 80 | 6 | I73641 | I73641 Se | e 95 |
| c 510 | 11 | 16.4 | 80 | 6 | AX695259 | AX695259 S | nce |
| c 511 | 11 | 16.4 | 81 | 3 | AF015938 | AF015938 S | nce |
| 512 | 11 | 16.4 | 81 | 6 | AR042806 | AR042806 S | nce |
| c 513 | 11 | 16.4 | 81 | 6 | I19229 | I19229 Se | e 1 |
| 514 | 11 | 16.4 | 81 | 6 | I19234 | I19234 Se | e 6 |
| 515 | 11 | 16.4 | 81 | 6 | I19235 | I19235 Se | e 7 |
| 516 | 11 | 16.4 | 81 | 6 | I19237 | I19237 Se | e 9 |

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|-----|----|------|----|---|--------|--------------|----|
| 517 | 11 | 16.4 | 81 | 6 | I19238 | I19238 Se | 10 |
| 518 | 11 | 16.4 | 81 | 6 | I19239 | I19239 Se | 11 |
| 519 | 11 | 16.4 | 81 | 6 | I19240 | I19240 Se | 12 |
| 520 | 11 | 16.4 | 81 | 6 | I19241 | I19241 Se | 13 |
| 521 | 11 | 16.4 | 81 | 6 | I19242 | I19242 Se | 14 |
| 522 | 11 | 16.4 | 81 | 6 | I19244 | I19244 Se | 16 |
| 523 | 11 | 16.4 | 81 | 6 | I19245 | I19245 Se | 17 |
| 524 | 11 | 16.4 | 81 | 6 | I19246 | I19246 Se | 18 |
| 525 | 11 | 16.4 | 81 | 6 | I19247 | I19247 Se | 19 |
| 526 | 11 | 16.4 | 81 | 6 | I19248 | I19248 Se | 20 |
| 527 | 11 | 16.4 | 81 | 6 | I19249 | I19249 Se | 21 |
| 528 | 11 | 16.4 | 81 | 6 | I19250 | I19250 Seq | 22 |
| 529 | 11 | 16.4 | 81 | 6 | I19251 | I19251 Seq | 23 |
| 530 | 11 | 16.4 | 81 | 6 | I19252 | I19252 Se | 24 |
| 531 | 11 | 16.4 | 81 | 6 | I19253 | I19253 Se | 25 |
| 532 | 11 | 16.4 | 81 | 6 | I19254 | I19254 Se | 26 |
| 533 | 11 | 16.4 | 81 | 6 | I19255 | I19255 Se | 27 |
| 534 | 11 | 16.4 | 81 | 6 | I19256 | I19256 Se | 28 |
| 535 | 11 | 16.4 | 81 | 6 | I19257 | I19257 Se | 29 |
| 536 | 11 | 16.4 | 81 | 6 | I19258 | I19258 Se | 30 |
| 537 | 11 | 16.4 | 81 | 6 | I19259 | I19259 Se | 31 |
| 538 | 11 | 16.4 | 81 | 6 | I19260 | I19260 Se | 32 |
| 539 | 11 | 16.4 | 81 | 6 | I19261 | I19261 Se | 33 |
| 540 | 11 | 16.4 | 81 | 6 | I19262 | I19262 Se | 34 |
| 541 | 11 | 16.4 | 81 | 6 | I19263 | I19263 Se | 35 |
| 542 | 11 | 16.4 | 81 | 6 | I19264 | I19264 Se | 36 |
| 543 | 11 | 16.4 | 81 | 6 | I19265 | I19265 Se | 37 |
| 544 | 11 | 16.4 | 81 | 6 | I19266 | I19266 Se | 38 |
| 545 | 11 | 16.4 | 81 | 6 | I19268 | I19268 Se | 40 |
| 546 | 11 | 16.4 | 81 | 6 | I19269 | I19269 Se | 41 |
| 547 | 11 | 16.4 | 81 | 6 | I19270 | I19270 Se | 42 |
| 548 | 11 | 16.4 | 81 | 6 | I19271 | I19271 Se | 43 |
| 549 | 11 | 16.4 | 81 | 6 | I19272 | I19272 Se | 44 |
| 550 | 11 | 16.4 | 81 | 6 | I19273 | I19273 Se | 45 |
| 551 | 11 | 16.4 | 81 | 6 | I19274 | I19274 Se | 46 |
| 552 | 11 | 16.4 | 81 | 6 | I19277 | I19277 Se | 49 |
| 553 | 11 | 16.4 | 81 | 6 | I19278 | I19278 Se | 50 |
| 554 | 11 | 16.4 | 81 | 6 | I19279 | I19279 Se | 51 |
| 555 | 11 | 16.4 | 81 | 6 | I19280 | I19280 Se | 52 |
| 556 | 11 | 16.4 | 81 | 6 | I19282 | I19282 Se | 54 |
| 557 | 11 | 16.4 | 81 | 6 | I19283 | I19283 Se | 55 |
| 558 | 11 | 16.4 | 81 | 6 | I19284 | I19284 Se | 56 |
| 559 | 11 | 16.4 | 81 | 6 | I19285 | I19285 Seque | 57 |
| 560 | 11 | 16.4 | 81 | 6 | I19286 | I19286 Seque | 58 |
| 561 | 11 | 16.4 | 81 | 6 | I19287 | I19287 Se | 59 |
| 562 | 11 | 16.4 | 81 | 6 | I19289 | I19289 Se | 61 |
| 563 | 11 | 16.4 | 81 | 6 | I19290 | I19290 Se | 62 |
| 564 | 11 | 16.4 | 81 | 6 | I19292 | I19292 Se | 64 |
| 565 | 11 | 16.4 | 81 | 6 | I19293 | I19293 Se | 65 |
| 566 | 11 | 16.4 | 81 | 6 | I19294 | I19294 Se | 66 |
| 567 | 11 | 16.4 | 81 | 6 | I19295 | I19295 Se | 67 |
| 568 | 11 | 16.4 | 81 | 6 | I19296 | I19296 Se | 68 |
| 569 | 11 | 16.4 | 81 | 6 | I19297 | I19297 Se | 69 |
| 570 | 11 | 16.4 | 81 | 6 | I19299 | I19299 Se | 71 |
| 571 | 11 | 16.4 | 81 | 6 | I19300 | I19300 Se | 72 |
| 572 | 11 | 16.4 | 81 | 6 | I19304 | I19304 Se | 76 |
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| 577 | 11 | 16.4 | 81 | 6 | I19309 | I19309 Sequen e 81 |
| 578 | 11 | 16.4 | 81 | 6 | I19310 | I19310 Sequen e 82 |
| 579 | 11 | 16.4 | 81 | 6 | I19311 | I19311 Sequen e 83 |
| 580 | 11 | 16.4 | 81 | 6 | I19312 | I19312 Sequen e 84 |
| 581 | 11 | 16.4 | 81 | 6 | I19313 | I19313 Sequen e 85 |
| 582 | 11 | 16.4 | 81 | 6 | I19314 | I19314 Sequen e 86 |
| 583 | 11 | 16.4 | 81 | 6 | I19315 | I19315 Sequen e 87 |
| 584 | 11 | 16.4 | 81 | 6 | I19316 | I19316 Sequen e 88 |
| 585 | 11 | 16.4 | 81 | 6 | I19317 | I19317 Sequen e 89 |
| 586 | 11 | 16.4 | 81 | 6 | I19318 | I19318 Sequen e 90 |
| 587 | 11 | 16.4 | 81 | 6 | I19319 | I19319 Sequen e 91 |
| 588 | 11 | 16.4 | 81 | 6 | AR359946 | AR359946 Sequen e |
| 589 | 11 | 16.4 | 81 | 6 | AR476963 | AR476963 Sequen e |
| 590 | 11 | 16.4 | 81 | 6 | AX622764 | AX622764 Sequen e |
| 591 | 11 | 16.4 | 81 | 6 | AX777688 | AX777688 Sequen e |
| c 592 | 11 | 16.4 | 81 | 6 | AX903277 | AX903277 Sequen e |
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| c 594 | 11 | 16.4 | 81 | 8 | ATH531412 | ATH531412 Sequen e |
| c 595 | 11 | 16.4 | 81 | 9 | AF459591 | AF459591 Sequen e |
| c 596 | 11 | 16.4 | 81 | 14 | AF001801 | AF001801 Sequen e |
| 597 | 11 | 16.4 | 82 | 6 | I19236 | I19236 Sequen e 8 |
| 598 | 11 | 16.4 | 82 | 6 | I19276 | I19276 Sequen e 48 |
| c 599 | 11 | 16.4 | 82 | 9 | AY679836 | AY679836 Sequen e |
| 600 | 11 | 16.4 | 83 | 3 | S55610S1 | S55610S1 Sequen e |
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| 602 | 11 | 16.4 | 83 | 6 | AR042776 | AR042776 Sequen e |
| 603 | 11 | 16.4 | 83 | 6 | AR042802 | AR042802 Sequen e |
| 604 | 11 | 16.4 | 83 | 6 | AR140820 | AR140820 Sequen e |
| 605 | 11 | 16.4 | 83 | 6 | AR140841 | AR140841 Sequen e |
| 606 | 11 | 16.4 | 83 | 6 | AR150770 | AR150770 Sequen e |
| 607 | 11 | 16.4 | 83 | 6 | AR150791 | AR150791 Sequen e |
| 608 | 11 | 16.4 | 83 | 6 | I65648 | I65648 Sequen e 8 |
| 609 | 11 | 16.4 | 83 | 6 | I65669 | I65669 Sequen e 29 |
| 610 | 11 | 16.4 | 83 | 6 | I67380 | I67380 Sequen e 8 |
| 611 | 11 | 16.4 | 83 | 6 | I67201 | I67201 Sequen e 29 |
| 612 | 11 | 16.4 | 83 | 6 | I90101 | I90101 Sequen e 8 |
| 613 | 11 | 16.4 | 83 | 6 | I90122 | I90122 Sequen e 29 |
| 614 | 11 | 16.4 | 83 | 6 | AR344660 | AR344660 Sequen e |
| 615 | 11 | 16.4 | 83 | 6 | AR344681 | AR344681 Sequen e |
| 616 | 11 | 16.4 | 83 | 6 | AR476922 | AR476922 Sequen e |
| 617 | 11 | 16.4 | 83 | 6 | AR476933 | AR476933 Sequen e |
| 618 | 11 | 16.4 | 83 | 6 | AR476959 | AR476959 Sequen e |
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| 620 | 11 | 16.4 | 84 | 6 | AR042766 | AR042766 Sequen e |
| 621 | 11 | 16.4 | 84 | 6 | AR042772 | AR042772 Sequen e |
| 622 | 11 | 16.4 | 84 | 6 | AR042808 | AR042808 Sequen e |
| 623 | 11 | 16.4 | 84 | 6 | AR125990 | AR125990 Sequen e |
| 624 | 11 | 16.4 | 84 | 6 | AR125991 | AR125991 Sequen e |
| 625 | 11 | 16.4 | 84 | 6 | AR140816 | AR140816 Sequen e |
| 626 | 11 | 16.4 | 84 | 6 | AR140829 | AR140829 Sequen e |
| 627 | 11 | 16.4 | 84 | 6 | AR140830 | AR140830 Sequen e |
| 628 | 11 | 16.4 | 84 | 6 | AR150766 | AR150766 Sequen e |
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| 630 | 11 | 16.4 | 84 | 6 | AR150780 | AR150780 Sequen e |

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| 632 | 11 | 16.4 | 84 | 6 | I65657 | I65657 Sequence 17 |
| 633 | 11 | 16.4 | 84 | 6 | I65658 | I65658 Sequence 18 |
| 634 | 11 | 16.4 | 84 | 6 | I67876 | I67876 Sequence 4 |
| 635 | 11 | 16.4 | 84 | 6 | I67889 | I67889 Sequence 17 |
| 636 | 11 | 16.4 | 84 | 6 | I67890 | I67890 Sequence 18 |
| 637 | 11 | 16.4 | 84 | 6 | I90097 | I90097 Sequence 4 |
| 638 | 11 | 16.4 | 84 | 6 | I90110 | I90110 Sequence 17 |
| 639 | 11 | 16.4 | 84 | 6 | I90111 | I90111 Sequence 18 |
| 640 | 11 | 16.4 | 84 | 6 | AR344656 | AR344656 Sequence |
| 641 | 11 | 16.4 | 84 | 6 | AR344669 | AR344669 Sequence |
| 642 | 11 | 16.4 | 84 | 6 | AR344670 | AR344670 Sequence |
| 643 | 11 | 16.4 | 84 | 6 | AR476923 | AR476923 Sequence |
| 644 | 11 | 16.4 | 84 | 6 | AR476929 | AR476929 Sequence |
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| c 646 | 11 | 16.4 | 84 | 8 | AY201985 | AY201985 Aradidops |
| 647 | 11 | 16.4 | 84 | 11 | CR384556 | CR384556 Aradidops |
| c 648 | 11 | 16.4 | 85 | 4 | WALHPRT1 | WALHPRT1 Macro as ro |
| 649 | 11 | 16.4 | 85 | 6 | AR042752 | AR042752 Sequence |
| 650 | 11 | 16.4 | 85 | 6 | AR042755 | AR042755 Sequence |
| 651 | 11 | 16.4 | 85 | 6 | AR042756 | AR042756 Sequence |
| 652 | 11 | 16.4 | 85 | 6 | AR042761 | AR042761 Sequence |
| 653 | 11 | 16.4 | 85 | 6 | AR042762 | AR042762 Sequence |
| 654 | 11 | 16.4 | 85 | 6 | AR042764 | AR042764 Sequence |
| 655 | 11 | 16.4 | 85 | 6 | AR042775 | AR042775 Sequence |
| 656 | 11 | 16.4 | 85 | 6 | AR042787 | AR042787 Sequence |
| 657 | 11 | 16.4 | 85 | 6 | AR042798 | AR042798 Sequence |
| 658 | 11 | 16.4 | 85 | 6 | AR042799 | AR042799 Sequence |
| 659 | 11 | 16.4 | 85 | 6 | AR042804 | AR042804 Sequence |
| 660 | 11 | 16.4 | 85 | 6 | AR042807 | AR042807 Sequence |
| 661 | 11 | 16.4 | 85 | 6 | AR125989 | AR125989 Sequence |
| 662 | 11 | 16.4 | 85 | 6 | AR126027 | AR126027 Sequence |
| 663 | 11 | 16.4 | 85 | 6 | AR126028 | AR126028 Sequence |
| 664 | 11 | 16.4 | 85 | 6 | AR126029 | AR126029 Sequence |
| 665 | 11 | 16.4 | 85 | 6 | AR126031 | AR126031 Sequence |
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| 668 | 11 | 16.4 | 85 | 6 | AR140819 | AR140819 Sequence |
| 669 | 11 | 16.4 | 85 | 6 | AR140823 | AR140823 Sequence |
| 670 | 11 | 16.4 | 85 | 6 | AR140838 | AR140838 Sequence |
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| 683 | 11 | 16.4 | 85 | 6 | CQ181055 | CQ181055 Sequence |
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| 692 | 11 | 16.4 | 85 | 6 | I65670 | I65670 Sequence 30 |
| 693 | 11 | 16.4 | 85 | 6 | I65672 | I65672 Sequence 32 |
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| c 942 | 11 | 16.4 | 89 | 6 | CQ345946 | C 345946 | Se ence |
| c 943 | 11 | 16.4 | 89 | 6 | E13518 | E 3518 | ansla |
| 944 | 11 | 16.4 | 90 | 6 | AX241079 | I 241079 | Se ence |
| c 945 | 11 | 16.4 | 90 | 6 | AX568542 | I 568542 | Se ence |
| 946 | 11 | 16.4 | 90 | 8 | AF515009 | I 515009 | to bi |
| c 947 | 11 | 16.4 | 91 | 6 | A52242 | I 2242 | Se 32 |
| c 948 | 11 | 16.4 | 92 | 6 | AX590653 | I 590653 | Se |
| c 949 | 11 | 16.4 | 92 | 6 | AX645263 | I 645263 | Se |
| c 950 | 11 | 16.4 | 92 | 6 | AX676424 | I 676424 | Se |
| 951 | 11 | 16.4 | 92 | 6 | BD103665 | I 103665 | ed |
| 952 | 11 | 16.4 | 93 | 6 | E04210 | E 04210 | quenc |
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| 956 | 11 | 16.4 | 94 | 1 | AY152662 | I 152662 | ture |
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| 958 | 11 | 16.4 | 94 | 8 | ATH524878 | I 524878 | idops |
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| c 966 | 11 | 16.4 | 96 | 6 | AX283216 | I 3216 | Se |
| c 967 | 11 | 16.4 | 96 | 6 | AX283218 | I 283218 | Se |
| c 968 | 11 | 16.4 | 96 | 6 | AX283226 | I 283226 | Se |
| c 969 | 11 | 16.4 | 96 | 6 | AX283229 | I 283229 | Se |
| c 970 | 11 | 16.4 | 96 | 6 | AX283233 | I 283233 | Se |
| 971 | 11 | 16.4 | 96 | 6 | AX984763 | I 984763 | Se |
| 972 | 11 | 16.4 | 96 | 6 | BD119622 | I 119622 | Se |

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| 973 | 11 | 16.4 | 96 | 9 | HSTCPPC1 |
| 974 | 11 | 16.4 | 96 | 9 | HUMTCP1D1 |
| c 975 | 11 | 16.4 | 97 | 6 | AX283227 |
| c 976 | 11 | 16.4 | 97 | 6 | AX340880 |
| 977 | 11 | 16.4 | 97 | 6 | BD059853 |
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| 983 | 11 | 16.4 | 99 | 6 | AX907385 |
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| c 998 | 11 | 16.4 | 100 | 6 | AX992584 |
| c 999 | 11 | 16.4 | 100 | 6 | AX992585 |
| c1000 | 11 | 16.4 | 100 | 6 | AX992586 |

| | |
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| X 4992 | Human t-com |
| M 6888 | Human t-com |
| A 183227 | Sequence |
| A 340880 | Sequence |
| E 059853 | Sequenced |
| A 521111 | Arabidops |
| A 906362 | Sequence |
| E 041895 | Sequence |
| A 112759 | Sus scrofa |
| E 4214 | DNA sequenc |
| A 907385 | Sequence |
| E 042918 | Sequence |
| E 095570 | Sequenced fo |
| M 105 | Human linop |
| A 619237 | Sequence p |
| C 000178 | Sequence |
| CQ000179 | Sequence |
| CQ677834 | Sequence |
| CQ690889 | Sequence |
| CQ696984 | Sequence |
| A 361549 | Sequence |
| A 989162 | Sequence |
| A 989764 | Sequence |
| A 990993 | Sequence |
| A 990994 | Sequence |
| A 992584 | Sequence |
| A 992585 | Sequence |
| A 992586 | Sequence |

ALIGNMENTS

GenCore version 5.1.6

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 03:50:11 ; Search time 275.598 Seconds
(without alignments)
1276.175 Million cell updates/sec

Title: US-09-463-209D-1_COPY_100_166
Perfect score: 67
Sequence: 1 gaagacttaatcaaaataaa.....ttactatctagttttgaatg 67

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 4134886 seqs, 2624710521 residues

Word size : 10

Total number of hits satisfying chosen parameters: 4640

Minimum DB seq length: 0

Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

Database : N_Geneseq_23Sep04:*

- 1: geneseqn1980s:*
- 2: geneseqn1990s:*
- 3: geneseqn2000s:*
- 4: geneseqn2001as:*
- 5: geneseqn2001bs:*
- 6: geneseqn2002as:*
- 7: geneseqn2002bs:*
- 8: geneseqn2003as:*
- 9: geneseqn2003bs:*
- 10: geneseqn2003cs:*
- 11: geneseqn2003ds:*
- 12: geneseqn2004s:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result | | | % | | Query | | | | ID | Description |
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| | 3 | 30 | 44.8 | 51 | 2 | AAV79405 | | | | Aav79405 Staphyloc |
| | 4 | 28 | 41.8 | 33 | 4 | AAH50229 | | | | Aah50229 Bacterial |
| c | 5 | 28 | 41.8 | 84 | 2 | AAV79213 | | | | Aav79213 Staphyloc |
| | 6 | 26 | 38.8 | 60 | 2 | AAV79430 | | | | Aav79430 Staphyloc |

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|---|----|----|------|----|----|----------|--------------------|
| c | 7 | 23 | 34.3 | 23 | 2 | AAX02742 | Aax02742 S. aureus |
| c | 8 | 20 | 29.9 | 20 | 2 | AAX02743 | Aax02743 S. aureus |
| c | 9 | 15 | 22.4 | 18 | 10 | ADE14313 | Adel4313 Optineuri |
| | 10 | 15 | 22.4 | 29 | 2 | AAQ42492 | Aaq42492 PCR prime |
| c | 11 | 15 | 22.4 | 35 | 3 | AAZ43160 | Aaz43160 PCR prime |
| | 12 | 15 | 22.4 | 99 | 3 | AAC17144 | Aac17144 Human sec |
| | 13 | 14 | 20.9 | 17 | 8 | ACA06796 | Aca06796 NFkB sub- |
| | 14 | 14 | 20.9 | 19 | 9 | ADA25980 | Ada25980 Human REL |
| c | 15 | 14 | 20.9 | 19 | 9 | ADA26116 | Ada26116 Human REL |
| | 16 | 14 | 20.9 | 21 | 2 | AAT12001 | Aat12001 CMV antis |
| | 17 | 14 | 20.9 | 21 | 2 | AAT01667 | Aat01667 Peptide n |
| | 18 | 14 | 20.9 | 21 | 2 | AAX17918 | Aax17918 Anti-CMV |
| c | 19 | 14 | 20.9 | 24 | 6 | ABA98624 | Aba98624 Human ATP |
| c | 20 | 14 | 20.9 | 24 | 6 | AAL53841 | Aal53841 Human mac |
| c | 21 | 14 | 20.9 | 24 | 6 | ABA95338 | Aba95338 Human end |
| c | 22 | 14 | 20.9 | 33 | 10 | ABZ74767 | Abz74767 Human ant |
| c | 23 | 14 | 20.9 | 33 | 10 | ABZ74758 | Abz74758 Human ant |
| c | 24 | 14 | 20.9 | 43 | 6 | AAD31936 | Aad31936 Human bet |
| c | 25 | 14 | 20.9 | 51 | 4 | AAL27795 | Aal27795 Human SNP |
| c | 26 | 14 | 20.9 | 61 | 3 | AAC52941 | Aac52941 Arabidops |
| | 27 | 14 | 20.9 | 92 | 2 | AAT20402 | Aat20402 Human gen |
| c | 28 | 13 | 19.4 | 13 | 4 | ABC96986 | Abc96986 Oligonucl |
| c | 29 | 13 | 19.4 | 13 | 5 | ABC68948 | Abc68948 Oligonucl |
| | 30 | 13 | 19.4 | 13 | 5 | ABC96987 | Abc96987 Oligonucl |
| | 31 | 13 | 19.4 | 13 | 5 | ABC70678 | Abc70678 Oligonucl |
| c | 32 | 13 | 19.4 | 13 | 5 | ABC70679 | Abc70679 Oligonucl |
| | 33 | 13 | 19.4 | 13 | 5 | ABC68949 | Abc68949 Oligonucl |
| | 34 | 13 | 19.4 | 13 | 5 | ABF30830 | Abf30830 Oligonucl |
| c | 35 | 13 | 19.4 | 13 | 5 | ABF30831 | Abf30831 Oligonucl |
| | 36 | 13 | 19.4 | 15 | 10 | ADE14315 | Adel4315 Optineuri |
| | 37 | 13 | 19.4 | 16 | 2 | AAQ20013 | Aaq20013 Cross-lin |
| | 38 | 13 | 19.4 | 16 | 2 | AAQ20014 | Aaq20014 Cross-lin |
| c | 39 | 13 | 19.4 | 16 | 10 | ADD07167 | Add07167 Cytomegal |
| c | 40 | 13 | 19.4 | 17 | 2 | AAX73135 | Aax73135 Mouse flk |
| | 41 | 13 | 19.4 | 17 | 8 | ACA08311 | Aca08311 Necrosis |
| | 42 | 13 | 19.4 | 18 | 2 | AAQ30241 | Aaq30241 Oligomer |
| | 43 | 13 | 19.4 | 18 | 2 | AAQ30242 | Aaq30242 Oligomer |
| | 44 | 13 | 19.4 | 19 | 3 | AAA83949 | Aaa83949 Cyclin A2 |
| | 45 | 13 | 19.4 | 19 | 3 | AAA83947 | Aaa83947 Cyclin A2 |
| | 46 | 13 | 19.4 | 19 | 3 | AAA83946 | Aaa83946 Cyclin A2 |
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| | 48 | 13 | 19.4 | 19 | 5 | AAH59110 | Aah59110 Cyclin A2 |
| | 49 | 13 | 19.4 | 19 | 5 | AAH59108 | Aah59108 Cyclin A2 |
| | 50 | 13 | 19.4 | 19 | 5 | AAH59111 | Aah59111 Cyclin A2 |
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| | 52 | 13 | 19.4 | 20 | 3 | AAZ74700 | Aaz74700 Human bia |
| | 53 | 13 | 19.4 | 20 | 12 | ADJ46651 | Adj46651 Human req |
| c | 54 | 13 | 19.4 | 20 | 12 | ADJ46600 | Adj46600 Human req |
| c | 55 | 13 | 19.4 | 24 | 6 | ABN86077 | Abn86077 Human ery |
| | 56 | 13 | 19.4 | 24 | 6 | ABI85122 | Abi85122 Capture o |
| c | 57 | 13 | 19.4 | 24 | 6 | ABI85123 | Abi85123 Capture o |
| c | 58 | 13 | 19.4 | 25 | 5 | AAF23862 | Aaf23862 Human STS |
| | 59 | 13 | 19.4 | 25 | 9 | ACI39282 | AcI39282 Human mic |
| c | 60 | 13 | 19.4 | 25 | 9 | ACI12232 | AcI12232 Human mic |
| c | 61 | 13 | 19.4 | 26 | 6 | AAD31940 | Aad31940 Human bet |
| c | 62 | 13 | 19.4 | 28 | 2 | AAT39435 | Aat39435 Hel-N2 se |
| c | 63 | 13 | 19.4 | 28 | 2 | AAV37453 | Aav37453 Human Hel |

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| c | 64 | 13 | 19.4 | 33 | 10 | ABZ74761 | Abz74761 Human ant |
| | 65 | 13 | 19.4 | 48 | 2 | AAV57560 | Aav57560 ICER prom |
| c | 66 | 13 | 19.4 | 50 | 6 | ABZ03216 | Abz03216 Human leu |
| c | 67 | 13 | 19.4 | 51 | 3 | ADC17060 | Adc17060 Human sin |
| c | 68 | 13 | 19.4 | 51 | 3 | ADC17018 | Adc17018 Human sin |
| | 69 | 13 | 19.4 | 51 | 4 | AAH79764 | Aah79764 Human DNA |
| c | 70 | 13 | 19.4 | 57 | 3 | AAA40158 | Aaa40158 H. pylori |
| | 71 | 13 | 19.4 | 65 | 6 | ABZ28521 | Abz28521 Candida g |
| | 72 | 13 | 19.4 | 65 | 6 | ABN56856 | Abn56856 Mouse spl |
| | 73 | 13 | 19.4 | 65 | 12 | ADP97816 | Adp97816 C. albica |
| c | 74 | 13 | 19.4 | 81 | 3 | AAC15677 | Aac15677 Human sec |
| | 75 | 13 | 19.4 | 85 | 2 | AAT00344 | Aat00344 Family 3 |
| c | 76 | 13 | 19.4 | 90 | 3 | AAC13414 | Aac13414 Human sec |
| c | 77 | 13 | 19.4 | 92 | 3 | AAC15879 | Aac15879 Human sec |
| c | 78 | 13 | 19.4 | 96 | 6 | AAI68703 | Aai68703 Rat prost |
| c | 79 | 13 | 19.4 | 97 | 6 | AAI68709 | Aai68709 Rat prost |
| c | 80 | 13 | 19.4 | 99 | 10 | ACD93908 | Acd93908 Human col |
| c | 81 | 13 | 19.4 | 100 | 8 | ACD77174 | Acd77174 E. coli K |
| c | 82 | 13 | 19.4 | 100 | 8 | ACD70611 | Acd70611 E. coli K |
| c | 83 | 13 | 19.4 | 100 | 8 | ACD70612 | Acd70612 E. coli K |
| | 84 | 13 | 19.4 | 100 | 8 | ACD69667 | Acd69667 E. coli K |
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| c | 86 | 12 | 17.9 | 12 | 5 | ABI00741 | Abi00741 Oligonucl |
| | 87 | 12 | 17.9 | 12 | 5 | ABI11866 | Abi11866 Oligonucl |
| c | 88 | 12 | 17.9 | 12 | 5 | ABI21354 | Abi21354 Oligonucl |
| | 89 | 12 | 17.9 | 12 | 5 | ABH68155 | Abh68155 Oligonucl |
| c | 90 | 12 | 17.9 | 12 | 5 | ABH69065 | Abh69065 Oligonucl |
| | 91 | 12 | 17.9 | 12 | 5 | ABI19853 | Abi19853 Oligonucl |
| c | 92 | 12 | 17.9 | 12 | 5 | ABH73140 | Abh73140 Oligonucl |
| | 93 | 12 | 17.9 | 12 | 5 | ABI56160 | Abi56160 Oligonucl |
| c | 94 | 12 | 17.9 | 12 | 5 | ABI19021 | Abi19021 Oligonucl |
| c | 95 | 12 | 17.9 | 12 | 5 | ABH80447 | Abh80447 Oligonucl |
| c | 96 | 12 | 17.9 | 13 | 5 | ABC79401 | Abc79401 Oligonucl |
| | 97 | 12 | 17.9 | 13 | 5 | ABF94820 | Abf94820 Oligonucl |
| c | 98 | 12 | 17.9 | 13 | 5 | ABF94821 | Abf94821 Oligonucl |
| c | 99 | 12 | 17.9 | 13 | 5 | ABC52087 | Abc52087 Oligonucl |
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| c | 101 | 12 | 17.9 | 13 | 5 | ABH62722 | Abh62722 Oligonucl |
| | 102 | 12 | 17.9 | 13 | 5 | ABH62723 | Abh62723 Oligonucl |
| | 103 | 12 | 17.9 | 13 | 5 | ABC79400 | Abc79400 Oligonucl |
| c | 104 | 12 | 17.9 | 13 | 5 | ABF18742 | Abf18742 Oligonucl |
| c | 105 | 12 | 17.9 | 13 | 5 | ABF89302 | Abf89302 Oligonucl |
| | 106 | 12 | 17.9 | 13 | 5 | ABH41804 | Abh41804 Oligonucl |
| c | 107 | 12 | 17.9 | 13 | 5 | ABH41805 | Abh41805 Oligonucl |
| | 108 | 12 | 17.9 | 13 | 5 | ABC92610 | Abc92610 Oligonucl |
| c | 109 | 12 | 17.9 | 13 | 5 | ABC07102 | Abc07102 Oligonucl |
| | 110 | 12 | 17.9 | 13 | 5 | ABC32500 | Abc32500 Oligonucl |
| | 111 | 12 | 17.9 | 13 | 5 | ABF18743 | Abf18743 Oligonucl |
| | 112 | 12 | 17.9 | 13 | 5 | ABH64431 | Abh64431 Oligonucl |
| c | 113 | 12 | 17.9 | 13 | 5 | ABC31320 | Abc31320 Oligonucl |
| c | 114 | 12 | 17.9 | 13 | 5 | ABC32501 | Abc32501 Oligonucl |
| c | 115 | 12 | 17.9 | 13 | 5 | ABF21656 | Abf21656 Oligonucl |
| | 116 | 12 | 17.9 | 13 | 5 | ABF21657 | Abf21657 Oligonucl |
| c | 117 | 12 | 17.9 | 13 | 5 | ABC26024 | Abc26024 Oligonucl |
| | 118 | 12 | 17.9 | 13 | 5 | ABC26025 | Abc26025 Oligonucl |
| | 119 | 12 | 17.9 | 13 | 5 | ABC52086 | Abc52086 Oligonucl |
| | 120 | 12 | 17.9 | 13 | 5 | ABF89303 | Abf89303 Oligonucl |

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| c 122 | 12 | 17.9 | 13 | 5 | ABH64430 | Abh64430 | Oligonucl |
| 123 | 12 | 17.9 | 13 | 5 | ABC07103 | Abc07103 | Oligonucl |
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| 125 | 12 | 17.9 | 16 | 2 | AAQ20016 | Aaq20016 | Cross-lin |
| 126 | 12 | 17.9 | 16 | 10 | ADD07189 | Add07189 | HSV-1 (17 |
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| 128 | 12 | 17.9 | 17 | 8 | ACA08312 | Aca08312 | Necrosis |
| 129 | 12 | 17.9 | 18 | 2 | AAQ30243 | Aaq30243 | Oligomer |
| 130 | 12 | 17.9 | 18 | 2 | AAQ30234 | Aaq30234 | Oligomer |
| 131 | 12 | 17.9 | 18 | 2 | AAQ30244 | Aaq30244 | Oligomer |
| 132 | 12 | 17.9 | 18 | 2 | AAQ30233 | Aaq30233 | Oligomer |
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| 135 | 12 | 17.9 | 19 | 5 | AAH59107 | Aah59107 | Cyclin A2 |
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| c 138 | 12 | 17.9 | 20 | 2 | AAX02744 | Aax02744 | S. aureus |
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| 142 | 12 | 17.9 | 21 | 2 | AAT25132 | Aat25132 | Human gen |
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| c 144 | 12 | 17.9 | 22 | 2 | AAV37469 | Aav37469 | Human Hel |
| c 145 | 12 | 17.9 | 22 | 6 | ADA43383 | Ada43383 | Human ast |
| c 146 | 12 | 17.9 | 22 | 6 | ABA98947 | Aba98947 | Human ast |
| c 147 | 12 | 17.9 | 22 | 8 | ABX14613 | Abx14613 | B. anthra |
| 148 | 12 | 17.9 | 24 | 4 | AAI64564 | Aai64564 | Human pol |
| c 149 | 12 | 17.9 | 24 | 5 | AAH55972 | Aah55972 | Human SCN |
| c 150 | 12 | 17.9 | 24 | 6 | ABQ78820 | Abq78820 | Motor neu |
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| 152 | 12 | 17.9 | 24 | 6 | ABV73595 | Abv73595 | Human tyr |
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| c 154 | 12 | 17.9 | 24 | 8 | ABX12595 | Abx12595 | Dihydropy |
| c 155 | 12 | 17.9 | 24 | 9 | ACC84795 | Acc84795 | SIV pol g |
| c 156 | 12 | 17.9 | 24 | 10 | ADE14316 | Ade14316 | Optineuri |
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| 158 | 12 | 17.9 | 25 | 6 | ABA98997 | Aba98997 | Human ast |
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| 160 | 12 | 17.9 | 25 | 9 | ACK00400 | Ack00400 | Human mic |
| c 161 | 12 | 17.9 | 25 | 9 | ACK09883 | Ack09883 | Human mic |
| c 162 | 12 | 17.9 | 25 | 9 | ACI09094 | Aci09094 | Human mic |
| c 163 | 12 | 17.9 | 25 | 9 | ACI12233 | Aci12233 | Human mic |
| 164 | 12 | 17.9 | 25 | 9 | ACI51552 | Aci51552 | Human mic |
| c 165 | 12 | 17.9 | 25 | 9 | ACK09882 | Ack09882 | Human mic |
| 166 | 12 | 17.9 | 25 | 9 | ACI11473 | Aci11473 | Human mic |
| 167 | 12 | 17.9 | 25 | 9 | ACK14548 | Ack14548 | Human mic |
| c 168 | 12 | 17.9 | 26 | 2 | AAT79892 | Aat79892 | Anti-Fact |
| c 169 | 12 | 17.9 | 26 | 2 | AAX10061 | Aax10061 | Human bia |
| 170 | 12 | 17.9 | 26 | 2 | AAX25398 | Aax25398 | Human com |
| 171 | 12 | 17.9 | 26 | 3 | ABK11947 | Abk11947 | Mutant Gr |
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| c 173 | 12 | 17.9 | 26 | 6 | ABK23991 | Abk23991 | Synthetic |
| c 174 | 12 | 17.9 | 27 | 4 | ABK52298 | Abk52298 | Human D-c |
| c 175 | 12 | 17.9 | 27 | 4 | AAH38225 | Aah38225 | SNP speci |
| c 176 | 12 | 17.9 | 28 | 3 | ABK11946 | Abk11946 | Mutant Gr |
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| 182 | 12 | 17.9 | 31 | 4 | AAI29616 | Aai29616 | Human sin |
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| 184 | 12 | 17.9 | 31 | 5 | AAF76703 | Aaf76703 | Human PTP |
| 185 | 12 | 17.9 | 32 | 10 | ADK71224 | Adk71224 | Drug-tole |
| 186 | 12 | 17.9 | 32 | 12 | ADJ93601 | Adj93601 | 16s rDNA |
| c 187 | 12 | 17.9 | 33 | 6 | AAI72664 | Aai72664 | Human NAD |
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| 192 | 12 | 17.9 | 39 | 6 | ABS71810 | Abs71810 | Full-leng |
| 193 | 12 | 17.9 | 39 | 6 | ABS71812 | Abs71812 | Full-leng |
| c 194 | 12 | 17.9 | 39 | 6 | ABA51689 | Aba51689 | Staphyloc |
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| c 203 | 12 | 17.9 | 47 | 3 | AAZ65992 | Aaz65992 | Human map |
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| c 218 | 12 | 17.9 | 51 | 4 | AAH90681 | Aah90681 | Human clo |
| c 219 | 12 | 17.9 | 52 | 2 | AAV76383 | Aav76383 | Staphyloc |
| c 220 | 12 | 17.9 | 55 | 4 | AAH36887 | Aah36887 | Human col |
| 221 | 12 | 17.9 | 59 | 4 | AAH72116 | Aah72116 | Human cer |
| 222 | 12 | 17.9 | 60 | 6 | ABN46638 | Abn46638 | Human spl |
| 223 | 12 | 17.9 | 60 | 6 | ABN35097 | Abn35097 | Human spl |
| 224 | 12 | 17.9 | 60 | 6 | ABN34614 | Abn34614 | Human spl |
| 225 | 12 | 17.9 | 65 | 2 | AAT24151 | Aat24151 | Human gen |
| c 226 | 12 | 17.9 | 65 | 6 | ABZ28731 | Abz28731 | Candida g |
| 227 | 12 | 17.9 | 65 | 6 | ABZ29017 | Abz29017 | Candida g |
| c 228 | 12 | 17.9 | 65 | 6 | ABZ29397 | Abz29397 | Candida g |
| c 229 | 12 | 17.9 | 65 | 6 | AAI68715 | Aai68715 | Rat prost |
| 230 | 12 | 17.9 | 65 | 12 | ADP97295 | Adp97295 | C. albica |
| 231 | 12 | 17.9 | 67 | 2 | AAT23215 | Aat23215 | Human gen |
| c 232 | 12 | 17.9 | 67 | 5 | AAC92406 | Aac92406 | Oligonucl |
| 233 | 12 | 17.9 | 68 | 4 | AAH36403 | Aah36403 | Human col |
| 234 | 12 | 17.9 | 70 | 10 | ACF57738 | Acf57738 | SeINPV no |

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| 235 | 12 | 17.9 | 72 | 12 | ADG99589 | Adg99589 Kidney di |
| c 236 | 12 | 17.9 | 76 | 2 | AAT23172 | Aat23172 Human gen |
| c 237 | 12 | 17.9 | 76 | 4 | AAH46607 | Aah46607 Synthetic |
| c 238 | 12 | 17.9 | 77 | 6 | AAI68714 | Aai68714 Rat prost |
| 239 | 12 | 17.9 | 83 | 4 | AAF55879 | Aaf55879 Linker #4 |
| 240 | 12 | 17.9 | 84 | 10 | ADD44485 | Add44485 DNA of an |
| c 241 | 12 | 17.9 | 86 | 6 | ABK23988 | Abk23988 Synthetic |
| 242 | 12 | 17.9 | 87 | 5 | AAF25142 | Aaf25142 Sequence |
| 243 | 12 | 17.9 | 87 | 5 | AAF25141 | Aaf25141 Sequence |
| 244 | 12 | 17.9 | 90 | 2 | AAX35537 | Aax35537 DNA encod |
| 245 | 12 | 17.9 | 90 | 3 | AAC12396 | Aac12396 Human sec |
| 246 | 12 | 17.9 | 90 | 4 | AAD14872 | Aad14872 Mouse F-b |
| 247 | 12 | 17.9 | 90 | 6 | ABN66866 | Abn66866 Streptoco |
| 248 | 12 | 17.9 | 90 | 10 | AAD60312 | Aad60312 Mouse F-b |
| c 249 | 12 | 17.9 | 91 | 6 | ABK23941 | Abk23941 Human ant |
| 250 | 12 | 17.9 | 93 | 6 | ABQ81922 | Abq81922 Kaposi's |
| c 251 | 12 | 17.9 | 93 | 6 | AAI68708 | Aai68708 Rat prost |
| 252 | 12 | 17.9 | 93 | 10 | ADC13407 | Adc13407 Kaposi's |
| c 253 | 12 | 17.9 | 95 | 6 | AAI68707 | Aai68707 Rat prost |
| c 254 | 12 | 17.9 | 95 | 6 | AAI68719 | Aai68719 Rat prost |
| c 255 | 12 | 17.9 | 95 | 6 | AAI68718 | Aai68718 Rat prost |
| c 256 | 12 | 17.9 | 96 | 4 | AAS07052 | Aas07052 DNA encod |
| c 257 | 12 | 17.9 | 96 | 6 | AAI68704 | Aai68704 Rat prost |
| c 258 | 12 | 17.9 | 96 | 10 | ABZ42000 | Abz42000 N. gonorr |
| c 259 | 12 | 17.9 | 98 | 6 | AAI68706 | Aai68706 Rat prost |
| c 260 | 12 | 17.9 | 99 | 10 | ADD33594 | Add33594 Mouse mit |
| 261 | 12 | 17.9 | 100 | 8 | ACD79201 | Acd79201 E. coli K |
| c 262 | 12 | 17.9 | 100 | 8 | ACD78659 | Acd78659 E. coli K |
| 263 | 12 | 17.9 | 100 | 8 | ACD75083 | Acd75083 E. coli K |
| c 264 | 12 | 17.9 | 100 | 8 | ACD77173 | Acd77173 E. coli K |
| 265 | 12 | 17.9 | 100 | 8 | ACD75082 | Acd75082 E. coli K |
| 266 | 12 | 17.9 | 100 | 8 | ACD81524 | Acd81524 E. coli K |
| c 267 | 12 | 17.9 | 100 | 10 | ABX61314 | Abx61314 Arabidops |
| 268 | 11 | 16.4 | 11 | 12 | ADQ35775 | Adq35775 Human hai |
| c 269 | 11 | 16.4 | 12 | 5 | ABI40776 | Abi40776 Oligonucl |
| c 270 | 11 | 16.4 | 12 | 5 | ABI58177 | Abi58177 Oligonucl |
| 271 | 11 | 16.4 | 12 | 5 | ABI02739 | Abi02739 Oligonucl |
| c 272 | 11 | 16.4 | 12 | 5 | ABI37639 | Abi37639 Oligonucl |
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| c 284 | 11 | 16.4 | 12 | 5 | ABH67658 | Abh67658 Oligonucl |
| 285 | 11 | 16.4 | 12 | 5 | ABI55356 | Abi55356 Oligonucl |
| c 286 | 11 | 16.4 | 12 | 5 | ABI34679 | Abi34679 Oligonucl |
| c 287 | 11 | 16.4 | 12 | 5 | ABH91710 | Abh91710 Oligonucl |
| 288 | 11 | 16.4 | 12 | 5 | ABI12160 | Abi12160 Oligonucl |
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| c 291 | 11 | 16.4 | 12 | 5 | ABH72721 | Abh72721 Oligonucl |

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| 328 | 11 | 16.4 | 13 | 5 | ABH27545 | Abh27545 | Oligonucl |
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| 341 | 11 | 16.4 | 13 | 5 | ABH48491 | Abh48491 | Oligonucl |
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| 356 | 11 | 16.4 | 13 | 5 | ABC46273 | Abc46273 | Oligonucle |
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| 362 | 11 | 16.4 | 13 | 5 | ABC62461 | Abc62461 | Oligonucle |
| 363 | 11 | 16.4 | 13 | 5 | ABF22415 | Abf22415 | Oligonucle |
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| c 365 | 11 | 16.4 | 13 | 5 | ABF46377 | Abf46377 | Oligonucle |
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| 367 | 11 | 16.4 | 13 | 5 | ABC56792 | Abc56792 | Oligonucle |
| c 368 | 11 | 16.4 | 13 | 5 | ABC87660 | Abc87660 | Oligonucle |
| 369 | 11 | 16.4 | 13 | 5 | ABC87661 | Abc87661 | Oligonucle |
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| 373 | 11 | 16.4 | 13 | 5 | ABH45041 | Abh45041 | Oligonucle |
| 374 | 11 | 16.4 | 13 | 5 | ABC67867 | Abc67867 | Oligonucle |
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| c 377 | 11 | 16.4 | 13 | 5 | ABF98298 | Abf98298 | Oligonucle |
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| c 387 | 11 | 16.4 | 13 | 5 | ABH46163 | Abh46163 | Oligonucle |
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| 389 | 11 | 16.4 | 13 | 5 | ABC23175 | Abc23175 | Oligonucle |
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| 423 | 11 | 16.4 | 13 | 5 | ABC71502 | Abc71502 | Olig rucl |
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| c 437 | 11 | 16.4 | 13 | 5 | ABH19065 | Abh19065 | Oligonuc1 |
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| c 441 | 11 | 16.4 | 13 | 5 | ABH31925 | Abh31925 | Oligorucl |
| c 442 | 11 | 16.4 | 15 | 2 | AAT37629 | Aat37629 | Apo(a) mR |
| c 443 | 11 | 16.4 | 15 | 2 | AAT37627 | Aat37627 | Apo(a) mR |
| c 444 | 11 | 16.4 | 15 | 6 | ABS51925 | Abs51925 | Human FMO |
| c 445 | 11 | 16.4 | 15 | 6 | ABL45746 | Abl45746 | Human MMP |
| c 446 | 11 | 16.4 | 15 | 12 | ADH50452 | Adh50452 | Bacterial |
| c 447 | 11 | 16.4 | 16 | 10 | ADD07203 | Add07203 | Zoster vi |
| 448 | 11 | 16.4 | 16 | 10 | ADD07248 | Add07248 | HSV-1 (17 |
| 449 | 11 | 16.4 | 17 | 4 | ABK00194 | Abk00194 | Human NOG |
| 450 | 11 | 16.4 | 17 | 4 | ABK00195 | Abk00195 | Human NOG |
| 451 | 11 | 16.4 | 17 | 4 | ABK02155 | Abk02155 | Human NOG |
| 452 | 11 | 16.4 | 17 | 4 | ABK00193 | Abk00193 | Human NOG |
| 453 | 11 | 16.4 | 17 | 4 | ABK01900 | Abk01900 | Human NOG |
| 454 | 11 | 16.4 | 17 | 6 | ABK56393 | Abk56393 | Human CLC |
| 455 | 11 | 16.4 | 17 | 6 | ABK57327 | Abk57327 | Human CLC |
| 456 | 11 | 16.4 | 17 | 6 | ABK57118 | Abk57118 | Human CLC |
| 457 | 11 | 16.4 | 17 | 8 | ABZ60809 | Abz60809 | Human K-R |
| 458 | 11 | 16.4 | 17 | 8 | ABZ60810 | Abz60810 | Human K-R |
| 459 | 11 | 16.4 | 17 | 8 | ABZ60808 | Abz60808 | Human K-R |
| 460 | 11 | 16.4 | 17 | 10 | ADE31036 | Ade31036 | Cholesterol |
| 461 | 11 | 16.4 | 17 | 10 | ADI52256 | Adi52256 | Human tum |
| c 462 | 11 | 16.4 | 17 | 10 | ACC54484 | Acc54484 | Human tum |

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| 466 | 11 | 16.4 | 18 | 6 | AAI68723 | Aai68723 Rat prost |
| 467 | 11 | 16.4 | 19 | 2 | AAQ89909 | Aaq89909 Cystic fi |
| c 468 | 11 | 16.4 | 19 | 3 | AAZ74444 | Aaz74444 Human bia |
| 469 | 11 | 16.4 | 19 | 3 | AAZ69875 | Aaz69875 Human bia |
| c 470 | 11 | 16.4 | 19 | 10 | ADE29702 | Ade29702 Mitogen a |
| 471 | 11 | 16.4 | 19 | 10 | ADE29539 | Ade29539 Mitogen a |
| 472 | 11 | 16.4 | 19 | 10 | ADF74684 | Adf74684 Rat Subst |
| 473 | 11 | 16.4 | 19 | 10 | ADF78381 | Adf78381 Chromosom |
| 474 | 11 | 16.4 | 19 | 10 | ADH53186 | Adh53186 Human APC |
| c 475 | 11 | 16.4 | 20 | 2 | AAT71798 | Aat71798 K-ras pos |
| c 476 | 11 | 16.4 | 20 | 2 | AAV37680 | Aav37680 Allelic v |
| 477 | 11 | 16.4 | 20 | 2 | AAZ04100 | Aaz04100 PCR prime |
| c 478 | 11 | 16.4 | 20 | 2 | AAx94883 | Aax94883 PCR prime |
| 479 | 11 | 16.4 | 20 | 3 | AAA94488 | Aaa94488 Antisense |
| 480 | 11 | 16.4 | 20 | 3 | AAA94486 | Aaa94486 Antisense |
| 481 | 11 | 16.4 | 20 | 3 | AAA94487 | Aaa94487 Antisense |
| 482 | 11 | 16.4 | 20 | 3 | AAZ70480 | Aaz70480 Human bia |
| c 483 | 11 | 16.4 | 20 | 3 | AAA11842 | Aaa11842 Human MDM |
| 484 | 11 | 16.4 | 20 | 3 | AAZ44552 | Aaz44552 Newcastle |
| 485 | 11 | 16.4 | 20 | 4 | AAC92812 | Aac92812 Human hnR |
| c 486 | 11 | 16.4 | 20 | 5 | AAH22128 | Aah22128 Human euk |
| c 487 | 11 | 16.4 | 20 | 5 | AAF56419 | Aaf56419 Neisseria |
| c 488 | 11 | 16.4 | 20 | 5 | AAH46835 | Aah46835 Nucleotid |
| c 489 | 11 | 16.4 | 20 | 6 | ABK37085 | Abk37085 Human lys |
| 490 | 11 | 16.4 | 20 | 6 | AAD37174 | Aad37174 Human MEK |
| 491 | 11 | 16.4 | 20 | 6 | ABT13886 | Abt13886 Human hel |
| c 492 | 11 | 16.4 | 20 | 6 | ABK68955 | Abk68955 Human pho |
| c 493 | 11 | 16.4 | 20 | 6 | ABQ80586 | Abq80586 PCR prime |
| 494 | 11 | 16.4 | 20 | 6 | ABI94762 | Abi94762 Capture o |
| c 495 | 11 | 16.4 | 20 | 8 | AAD55876 | Aad55876 Human myo |
| 496 | 11 | 16.4 | 20 | 8 | AAD52994 | Aad52994 Bacteriop |
| 497 | 11 | 16.4 | 20 | 8 | ACC49195 | Acc49195 Human rib |
| 498 | 11 | 16.4 | 20 | 9 | ABZ81562 | Abz81562 PKA regul |
| 499 | 11 | 16.4 | 20 | 9 | ABZ81561 | Abz81561 PKA regul |
| c 500 | 11 | 16.4 | 20 | 10 | ADC98440 | Adc98440 K12601 po |
| 501 | 11 | 16.4 | 20 | 10 | ABZ88729 | Abz88729 Human oli |
| 502 | 11 | 16.4 | 20 | 10 | ABZ88730 | Abz88730 Human oli |
| 503 | 11 | 16.4 | 20 | 11 | ADN60091 | Adn60091 Human hel |
| 504 | 11 | 16.4 | 20 | 11 | ABD24959 | Abd24959 A118216- |
| 505 | 11 | 16.4 | 20 | 11 | ABD24960 | Abd24960 A118216- |
| c 506 | 11 | 16.4 | 20 | 12 | ADG20559 | Adg20559 RNASEL ge |
| 507 | 11 | 16.4 | 20 | 12 | ADJ84965 | Adj84965 Nucleic a |
| c 508 | 11 | 16.4 | 20 | 12 | ADK74119 | Adk74119 Chimeric |
| c 509 | 11 | 16.4 | 20 | 12 | ADK73636 | Adk73636 Chimeric |
| c 510 | 11 | 16.4 | 20 | 12 | ADK73872 | Adk73872 Chimeric |
| c 511 | 11 | 16.4 | 20 | 12 | ADK75820 | Adk75820 Chimeric |
| c 512 | 11 | 16.4 | 20 | 12 | ADK74298 | Adk74298 Chimeric |
| c 513 | 11 | 16.4 | 20 | 12 | ADK74524 | Adk74524 Chimeric |
| c 514 | 11 | 16.4 | 20 | 12 | ADK73585 | Adk73585 Chimeric |
| c 515 | 11 | 16.4 | 20 | 12 | ADK73662 | Adk73662 Chimeric |
| c 516 | 11 | 16.4 | 20 | 12 | ADK73729 | Adk73729 Chimeric |
| c 517 | 11 | 16.4 | 20 | 12 | ADK77465 | Adk77465 Chimeric |
| 518 | 11 | 16.4 | 20 | 12 | ADP78639 | Adp78639 Chimeric |
| 519 | 11 | 16.4 | 20 | 12 | ADP78774 | Adp78774 Chimeric |

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| 520 | 11 | 16.4 | 20 | 12 | ADP78404 | Adp78404 Chimeric |
| 521 | 11 | 16.4 | 20 | 12 | ADP78538 | Adp78538 Chimeric |
| 522 | 11 | 16.4 | 20 | 12 | ADP78828 | Adp78828 Chimeric |
| 523 | 11 | 16.4 | 20 | 12 | ADP79184 | Adp79184 Chimeric |
| 524 | 11 | 16.4 | 20 | 12 | ADP79161 | Adp79161 Chimeric |
| 525 | 11 | 16.4 | 20 | 12 | ADP78553 | Adp78553 Chimeric |
| 526 | 11 | 16.4 | 20 | 12 | ADP78678 | Adp78678 Chimeric |
| 527 | 11 | 16.4 | 20 | 12 | ADP78651 | Adp78651 Chimeric |
| c 528 | 11 | 16.4 | 20 | 12 | ADO25037 | Ado25037 Mouse che |
| 529 | 11 | 16.4 | 20 | 12 | ADN75011 | Adn75011 Human hyp |
| 530 | 11 | 16.4 | 20 | 12 | ADP81805 | Adp81805 Human MD- |
| 531 | 11 | 16.4 | 20 | 12 | ADP09750 | Adp09750 Bacteriop |
| 532 | 11 | 16.4 | 20 | 12 | ADP09766 | Adp09766 Bacteriop |
| c 533 | 11 | 16.4 | 21 | 2 | AAX09150 | Aax09150 Human bia |
| c 534 | 11 | 16.4 | 21 | 2 | AAX99267 | Aax99267 Nucleotid |
| 535 | 11 | 16.4 | 21 | 3 | AAZ74781 | Aaz74781 Human bia |
| c 536 | 11 | 16.4 | 21 | 3 | AAZ74845 | Aaz74845 Human bia |
| 537 | 11 | 16.4 | 21 | 3 | AAA95575 | Aaa95575 TCR Valph |
| 538 | 11 | 16.4 | 21 | 3 | AAA62945 | Aaa62945 Antisense |
| 539 | 11 | 16.4 | 21 | 3 | AAA99080 | Aaa99080 CPD last |
| 540 | 11 | 16.4 | 21 | 9 | ACA60928 | Aca60928 Caenorhab |
| c 541 | 11 | 16.4 | 21 | 10 | ABZ74740 | Abz74740 Human ant |
| 542 | 11 | 16.4 | 21 | 12 | ADN07134 | Adn07134 A. fumiga |
| c 543 | 11 | 16.4 | 22 | 3 | AAZ36522 | Aaz36522 Probe hyb |
| c 544 | 11 | 16.4 | 22 | 6 | ABA94553 | Aba94553 Mycosphae |
| c 545 | 11 | 16.4 | 22 | 6 | ABA94554 | Aba94554 Mycosphae |
| c 546 | 11 | 16.4 | 22 | 10 | ADD01389 | Add01389 Human TCH |
| 547 | 11 | 16.4 | 22 | 10 | ADJ94566 | Adj94566 Aspergill |
| 548 | 11 | 16.4 | 22 | 12 | ADN07121 | Adn07121 A. fumiga |
| 549 | 11 | 16.4 | 22 | 12 | ADN08126 | Adn08126 Spay-leg |
| 550 | 11 | 16.4 | 22 | 12 | ADN08101 | Adn08101 Spay-leg |
| 551 | 11 | 16.4 | 23 | 2 | AAV01264 | Aav01264 Pyruvate |
| 552 | 11 | 16.4 | 23 | 2 | AAV53297 | Aav53297 ODC gene |
| c 553 | 11 | 16.4 | 23 | 6 | ABL59275 | Abl59275 PCR prime |
| c 554 | 11 | 16.4 | 23 | 6 | ABL44354 | Abl44354 Human chr |
| c 555 | 11 | 16.4 | 23 | 8 | AAD53350 | Aad53350 Forward p |
| 556 | 11 | 16.4 | 23 | 8 | ACC70849 | Acc70849 Human G-p |
| c 557 | 11 | 16.4 | 23 | 9 | ACD27419 | Acd27419 Human CLC |
| 558 | 11 | 16.4 | 23 | 9 | ADB80915 | Adb80915 Anoxia |
| 559 | 11 | 16.4 | 23 | 10 | ADC84307 | Adc84307 Human pap |
| 560 | 11 | 16.4 | 23 | 10 | ADC84362 | Adc84362 Human pap |
| 561 | 11 | 16.4 | 23 | 10 | ADF44209 | Adf44209 HPV 82 de |
| 562 | 11 | 16.4 | 23 | 10 | ADF44264 | Adf44264 HPV MM4 d |
| 563 | 11 | 16.4 | 23 | 10 | ADG37243 | Adg37243 Human G-p |
| 564 | 11 | 16.4 | 23 | 12 | ADP80738 | Adp80738 Staphyloc |
| c 565 | 11 | 16.4 | 24 | 2 | AAT39413 | Aat39413 Helicase |
| c 566 | 11 | 16.4 | 24 | 2 | AAV37430 | Aav37430 Human Hel |
| 567 | 11 | 16.4 | 24 | 2 | AAX36684 | Aax36684 PCR prime |
| c 568 | 11 | 16.4 | 24 | 4 | AAH77636 | Aah77636 Mouse sol |
| c 569 | 11 | 16.4 | 24 | 6 | AAD27692 | Aad27692 Mouse Skp |
| 570 | 11 | 16.4 | 24 | 6 | AAD27693 | Aad27693 Mouse Skp |
| c 571 | 11 | 16.4 | 24 | 6 | ABL49786 | Abl49786 Human Kaz |
| c 572 | 11 | 16.4 | 24 | 6 | ABA03004 | Aba03004 Human zin |
| c 573 | 11 | 16.4 | 24 | 6 | ABQ77557 | Abq77557 Human pro |
| c 574 | 11 | 16.4 | 24 | 6 | AAS19355 | Aas19355 Human gap |
| c 575 | 11 | 16.4 | 24 | 6 | ABL55647 | Abl55647 Human CD6 |
| 576 | 11 | 16.4 | 24 | 6 | ABK90834 | Abk90834 Human ute |

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| 577 | 11 | 16.4 | 24 | 6 | ABA90681 | Aba90681 | Lactococc |
| c 578 | 11 | 16.4 | 24 | 6 | ABL53936 | Abl53936 | Human MYB |
| c 579 | 11 | 16.4 | 24 | 6 | ABZ69710 | Abz69710 | Human sul |
| c 580 | 11 | 16.4 | 24 | 6 | ABA03789 | Aba03789 | Human per |
| c 581 | 11 | 16.4 | 24 | 6 | AAL51672 | Aal51672 | Signal pe |
| c 582 | 11 | 16.4 | 24 | 6 | ABL01787 | Abl01787 | Human MSH |
| 583 | 11 | 16.4 | 24 | 6 | ABA92713 | Aba92713 | Rice leaf |
| 584 | 11 | 16.4 | 24 | 6 | ABI86094 | Abi86094 | Capture o |
| c 585 | 11 | 16.4 | 24 | 6 | ABI86095 | Abi86095 | Capture o |
| 586 | 11 | 16.4 | 24 | 6 | ABA05531 | Aba05531 | Molecular |
| c 587 | 11 | 16.4 | 24 | 10 | ABZ25097 | Abz25097 | Arginase |
| 588 | 11 | 16.4 | 24 | 10 | ACA58254 | Aca58254 | Human fam |
| 589 | 11 | 16.4 | 24 | 12 | ADI35131 | Adi35131 | Human PLA |
| 590 | 11 | 16.4 | 24 | 12 | ADJ10032 | Adj10032 | Antisense |
| c 591 | 11 | 16.4 | 24 | 12 | ADP10751 | Adp10751 | Set 1 lef |
| 592 | 11 | 16.4 | 24 | 12 | ADP80740 | Adp80740 | Staphyloc |
| 593 | 11 | 16.4 | 24 | 12 | ADP80741 | Adp80741 | Staphyloc |
| c 594 | 11 | 16.4 | 25 | 2 | AAT73204 | Aat73204 | HIV-1 rev |
| c 595 | 11 | 16.4 | 25 | 2 | AAQ98423 | Aaq98423 | Primer 3p |
| c 596 | 11 | 16.4 | 25 | 2 | AAQ89180 | Aaq89180 | VEGF RNA |
| c 597 | 11 | 16.4 | 25 | 2 | AAT65433 | Aat65433 | Platelet |
| c 598 | 11 | 16.4 | 25 | 2 | AAX87002 | Aax87002 | Primer 3N |
| 599 | 11 | 16.4 | 25 | 3 | AAZ36934 | Aaz36934 | PCR prime |
| 600 | 11 | 16.4 | 25 | 3 | AAZ76883 | Aaz76883 | Human bia |
| c 601 | 11 | 16.4 | 25 | 3 | AAA66489 | Aaa66489 | Dog genom |
| 602 | 11 | 16.4 | 25 | 4 | AAH45199 | Aah45199 | PCR prime |
| c 603 | 11 | 16.4 | 25 | 6 | ABK47180 | Abk47180 | Human cal |
| 604 | 11 | 16.4 | 25 | 8 | ABZ23026 | Abz23026 | Sindbis v |
| 605 | 11 | 16.4 | 25 | 9 | ACI89444 | Aci89444 | Human mic |
| 606 | 11 | 16.4 | 25 | 9 | ACI21748 | Aci21748 | Human mic |
| c 607 | 11 | 16.4 | 25 | 9 | ACI30177 | Aci30177 | Human mic |
| 608 | 11 | 16.4 | 25 | 9 | ACI89445 | Aci89445 | Human mic |
| c 609 | 11 | 16.4 | 25 | 9 | ACI15169 | Aci15169 | Human mic |
| 610 | 11 | 16.4 | 25 | 9 | ACI17180 | Aci17180 | Human mic |
| c 611 | 11 | 16.4 | 25 | 9 | ACK25876 | Ack25876 | Human mic |
| c 612 | 11 | 16.4 | 25 | 9 | ACI28938 | Aci28938 | Human mic |
| 613 | 11 | 16.4 | 25 | 9 | ACK22077 | Ack22077 | Human mic |
| c 614 | 11 | 16.4 | 25 | 9 | ACI63142 | Aci63142 | Human mic |
| 615 | 11 | 16.4 | 25 | 9 | ACI33802 | Aci33802 | Human mic |
| 616 | 11 | 16.4 | 25 | 9 | ACI12211 | Aci12211 | Human mic |
| 617 | 11 | 16.4 | 25 | 9 | ACI03615 | Aci03615 | Human mic |
| 618 | 11 | 16.4 | 25 | 9 | ACI41319 | Aci41319 | Human mic |
| c 619 | 11 | 16.4 | 25 | 9 | ACK02798 | Ack02798 | Human mic |
| c 620 | 11 | 16.4 | 25 | 9 | ACI28939 | Aci28939 | Human mic |
| c 621 | 11 | 16.4 | 25 | 9 | ACI30807 | Aci30807 | Human mic |
| 622 | 11 | 16.4 | 25 | 9 | ACI47726 | Aci47726 | Human mic |
| 623 | 11 | 16.4 | 25 | 9 | ACI98687 | Aci98687 | Human mic |
| c 624 | 11 | 16.4 | 25 | 9 | ACK02799 | Ack02799 | Human mic |
| 625 | 11 | 16.4 | 25 | 9 | ACI45268 | Aci45268 | Human mic |
| c 626 | 11 | 16.4 | 25 | 9 | ACI48181 | Aci48181 | Human mic |
| 627 | 11 | 16.4 | 25 | 9 | ACI25061 | Aci25061 | Human mic |
| 628 | 11 | 16.4 | 25 | 9 | ACI12210 | Aci12210 | Human mic |
| 629 | 11 | 16.4 | 25 | 9 | ACI40717 | Aci40717 | Human mic |
| c 630 | 11 | 16.4 | 25 | 9 | ACI76189 | Aci76189 | Human mic |
| 631 | 11 | 16.4 | 25 | 9 | ACI79456 | Aci79456 | Human mic |
| c 632 | 11 | 16.4 | 25 | 9 | ACI72378 | Aci72378 | Human mic |
| c 633 | 11 | 16.4 | 25 | 9 | ACI19043 | Aci19043 | Human mic |

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| 634 | 11 | 16.4 | 25 | 9 | ACK13616 | Ack13616 Human mic |
| c 635 | 11 | 16.4 | 25 | 9 | ACI15168 | Aci15168 Human mic |
| c 636 | 11 | 16.4 | 25 | 9 | ACK22949 | Ack22949 Human mic |
| 637 | 11 | 16.4 | 25 | 9 | ACI25060 | Aci25060 Human mic |
| c 638 | 11 | 16.4 | 25 | 9 | ACK26512 | Ack26512 Human mic |
| 639 | 11 | 16.4 | 25 | 10 | ADC16275 | Adc16275 Chlamydia |
| c 640 | 11 | 16.4 | 25 | 10 | ADC73315 | Adc73315 Anthrax s |
| c 641 | 11 | 16.4 | 25 | 12 | ADF91864 | Adf91864 Random DN |
| c 642 | 11 | 16.4 | 25 | 12 | ADJ38796 | Adj38796 Shiga-lik |
| c 643 | 11 | 16.4 | 25 | 12 | ADJ38779 | Adj38779 Anthrax b |
| c 644 | 11 | 16.4 | 25 | 12 | ADP16975 | Adp16975 Renal cel |
| c 645 | 11 | 16.4 | 25 | 12 | ADP18164 | Adp18164 Renal cel |
| 646 | 11 | 16.4 | 25 | 12 | ADP80743 | Adp80743 Staphyloc |
| 647 | 11 | 16.4 | 26 | 2 | AAQ99668 | Aaq99668 Homology |
| 648 | 11 | 16.4 | 26 | 2 | AAT10232 | Aat10232 Novel seq |
| 649 | 11 | 16.4 | 26 | 2 | ADH29703 | Adh29703 ILT gIG g |
| c 650 | 11 | 16.4 | 26 | 2 | AAx09203 | Aax09203 Human bia |
| 651 | 11 | 16.4 | 26 | 2 | AAV16358 | Aav16358 PCR prime |
| c 652 | 11 | 16.4 | 26 | 3 | AAZ91994 | Aaz91994 Mahogany |
| c 653 | 11 | 16.4 | 26 | 3 | AAA13685 | Aaa13685 Factor VI |
| 654 | 11 | 16.4 | 26 | 5 | AAC84189 | Aac84189 En-1 spec |
| 655 | 11 | 16.4 | 26 | 5 | AAD20972 | Aad20972 Maize En/ |
| c 656 | 11 | 16.4 | 26 | 8 | ABT16172 | Abt16172 NOvx rela |
| 657 | 11 | 16.4 | 26 | 12 | ADJ51106 | Adj51106 Human NOV |
| c 658 | 11 | 16.4 | 26 | 12 | ADO41863 | Ado41863 Novel hum |
| c 659 | 11 | 16.4 | 26 | 12 | ADP04986 | Adp04986 Staphyloc |
| c 660 | 11 | 16.4 | 26 | 12 | ADP80744 | Adp80744 Staphyloc |
| c 661 | 11 | 16.4 | 26 | 12 | ADP80745 | Adp80745 Staphyloc |
| c 662 | 11 | 16.4 | 27 | 2 | AAT31501 | Aat31501 Primer E |
| c 663 | 11 | 16.4 | 27 | 2 | AAT31513 | Aat31513 Primer K |
| c 664 | 11 | 16.4 | 27 | 2 | AAT31495 | Aat31495 Primer C |
| c 665 | 11 | 16.4 | 27 | 2 | AAX55667 | Aax55667 Truncated |
| 666 | 11 | 16.4 | 27 | 3 | AAC70279 | Aac70279 Single nu |
| 667 | 11 | 16.4 | 27 | 3 | AAC70225 | Aac70225 Single nu |
| c 668 | 11 | 16.4 | 27 | 5 | AAI61393 | Aai61393 Soybean 2 |
| 669 | 11 | 16.4 | 27 | 6 | ABK61476 | Abk61476 Human NOV |
| 670 | 11 | 16.4 | 27 | 6 | ABK61478 | Abk61478 Human NOV |
| 671 | 11 | 16.4 | 27 | 6 | ABK49696 | Abk49696 Mouse int |
| c 672 | 11 | 16.4 | 27 | 8 | ABT14952 | Abt14952 Pathogen |
| c 673 | 11 | 16.4 | 27 | 9 | ACC85637 | Acc85637 Secretin- |
| 674 | 11 | 16.4 | 27 | 9 | ADB87301 | Adb87301 Human apo |
| 675 | 11 | 16.4 | 28 | 2 | AAT75935 | Aat75935 DEN-2 clo |
| 676 | 11 | 16.4 | 28 | 4 | AAH38310 | Aah38310 SNP speci |
| c 677 | 11 | 16.4 | 28 | 10 | ABX95920 | Abx95920 PCR prime |
| 678 | 11 | 16.4 | 29 | 4 | AAF31300 | Aaf31300 Nucleic a |
| 679 | 11 | 16.4 | 29 | 4 | AAF61311 | Aaf61311 En-1 tran |
| c 680 | 11 | 16.4 | 29 | 6 | ABQ81579 | Abq81579 Luciferas |
| c 681 | 11 | 16.4 | 29 | 12 | ADP80703 | Adp80703 Staphyloc |
| c 682 | 11 | 16.4 | 30 | 2 | AAQ20607 | Aaq20607 Primer sp |
| 683 | 11 | 16.4 | 30 | 2 | AAQ26903 | Aaq26903 Primer 20 |
| 684 | 11 | 16.4 | 30 | 2 | AAT26197 | Aat26197 Human gen |
| 685 | 11 | 16.4 | 30 | 5 | AAF61980 | Aaf61980 Eg chimera |
| c 686 | 11 | 16.4 | 30 | 6 | ABQ80967 | Abq80967 Dextrane |
| 687 | 11 | 16.4 | 30 | 6 | ABX67306 | Abx67306 Novel Hel |
| c 688 | 11 | 16.4 | 30 | 6 | ABX68523 | Abx68523 Novel Hel |
| 689 | 11 | 16.4 | 30 | 6 | ABX67527 | Abx67527 Novel Hel |
| c 690 | 11 | 16.4 | 30 | 6 | ABQ81622 | Abq81622 CYP1B1 an |

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| c 691 | 11 | 16.4 | 30 | 8 | ACC70337 | Acc70337 PCR prime |
| c 692 | 11 | 16.4 | 31 | 2 | AAV67881 | Aav67881 Nucleotid |
| c 693 | 11 | 16.4 | 31 | 2 | AAX39190 | Aax39190 Human gen |
| c 694 | 11 | 16.4 | 31 | 2 | AAX39343 | Aax39343 Human gen |
| c 695 | 11 | 16.4 | 31 | 3 | AAZ57026 | Aaz57026 AcNPV p35 |
| c 696 | 11 | 16.4 | 31 | 6 | ABA03648 | Aba03648 AcNPV p35 |
| c 697 | 11 | 16.4 | 31 | 8 | ABT31739 | Abt31739 GAAP-1 re |
| 698 | 11 | 16.4 | 31 | 12 | ADP08553 | Adp08553 PCR prime |
| c 699 | 11 | 16.4 | 31 | 12 | ADP80707 | Adp80707 Staphyloc |
| 700 | 11 | 16.4 | 32 | 12 | ADP12222 | Adp12222 Taqman pr |
| c 701 | 11 | 16.4 | 33 | 2 | AAQ29317 | Aaq29317 PCR prime |
| c 702 | 11 | 16.4 | 33 | 2 | AAQ81600 | Aaq81600 Plasmodiu |
| 703 | 11 | 16.4 | 33 | 2 | AAX33102 | Aax33102 Streptoco |
| c 704 | 11 | 16.4 | 33 | 3 | AAA47765 | Aaa47765 Primer (V |
| c 705 | 11 | 16.4 | 33 | 4 | AAH76903 | Aah76903 Human dih |
| 706 | 11 | 16.4 | 33 | 6 | ABZ25043 | Abz25043 Histidyl- |
| 707 | 11 | 16.4 | 33 | 6 | ABN87591 | Abn87591 Oligodend |
| 708 | 11 | 16.4 | 33 | 6 | AAL41277 | Aal41277 Human fas |
| c 709 | 11 | 16.4 | 33 | 6 | AAS19995 | Aas19995 PCR prime |
| 710 | 11 | 16.4 | 33 | 10 | ADG65126 | Adg65126 Primer of |
| c 711 | 11 | 16.4 | 33 | 10 | ABZ74772 | Abz74772 Human ant |
| c 712 | 11 | 16.4 | 33 | 11 | ADM79733 | Adm79733 Group B S |
| c 713 | 11 | 16.4 | 34 | 6 | AAD44044 | Aad44044 Pribisco-D |
| c 714 | 11 | 16.4 | 34 | 6 | ABA00189 | Aba00189 Probe Rub |
| 715 | 11 | 16.4 | 34 | 12 | ADN07660 | Adn07660 Cotton ch |
| c 716 | 11 | 16.4 | 35 | 2 | AAQ29318 | Aaq29318 PCR prime |
| c 717 | 11 | 16.4 | 35 | 2 | AAQ81601 | Aaq81601 Plasmodiu |
| c 718 | 11 | 16.4 | 35 | 4 | AAH79236 | Aah79236 Human Na |
| 719 | 11 | 16.4 | 35 | 6 | ABA02803 | Aba02803 Haemophil |
| 720 | 11 | 16.4 | 35 | 8 | ABT31738 | Abt31738 CAMP-1 re |
| 721 | 11 | 16.4 | 36 | 10 | ADE45062 | Ade45062 CAMP fact |
| c 722 | 11 | 16.4 | 36 | 10 | ADG65018 | Adg65018 Primer of |
| c 723 | 11 | 16.4 | 36 | 10 | ABZ74748 | Abz74748 Human ant |
| c 724 | 11 | 16.4 | 36 | 10 | ABZ74738 | Abz74738 Human ant |
| c 725 | 11 | 16.4 | 36 | 10 | ABZ74753 | Abz74753 Human ant |
| 726 | 11 | 16.4 | 36 | 12 | ADP80716 | Adp80716 Staphyloc |
| 727 | 11 | 16.4 | 37 | 2 | AAV40840 | Aav40840 Primer RS |
| c 728 | 11 | 16.4 | 37 | 2 | AAV16045 | Aav16045 PCR prime |
| c 729 | 11 | 16.4 | 37 | 3 | AAZ43304 | Aaz43304 Murine ty |
| c 730 | 11 | 16.4 | 37 | 3 | AAA05289 | Aaa05289 P R prime |
| c 731 | 11 | 16.4 | 37 | 4 | ABK08476 | Abk08476 Human CD2 |
| 732 | 11 | 16.4 | 37 | 4 | AAH27441 | Aah27441 P R prime |
| 733 | 11 | 16.4 | 37 | 4 | AAI71150 | Aai71150 Fucose |
| 734 | 11 | 16.4 | 37 | 4 | AAI71156 | Aai71156 Rhamnose |
| 735 | 11 | 16.4 | 37 | 12 | ADK18076 | Adk18076 Fucose comb |
| 736 | 11 | 16.4 | 37 | 12 | ADK18165 | Adk18165 SGN17 His |
| c 737 | 11 | 16.4 | 37 | 12 | ADK18166 | Adk18166 SGN17 His |
| c 738 | 11 | 16.4 | 37 | 12 | ADJ53858 | Adj53858 SGN17 His |
| 739 | 11 | 16.4 | 37 | 12 | ADJ54028 | Adj54028 Combinato |
| 740 | 11 | 16.4 | 37 | 12 | ADJ53857 | Adj53857 SGN17 His |
| c 741 | 11 | 16.4 | 38 | 2 | AAV47981 | Aav47981 Human B7- |
| c 742 | 11 | 16.4 | 38 | 4 | AAF32823 | Aaf32823 Human B7- |
| c 743 | 11 | 16.4 | 38 | 4 | AAF77425 | Aaf77425 Forward P |
| c 744 | 11 | 16.4 | 38 | 8 | AAL50162 | Aal50162 Biotin-co |
| c 745 | 11 | 16.4 | 38 | 10 | ADE27758 | Ade27758 Human B7- |
| 746 | 11 | 16.4 | 38 | 10 | ADE45068 | Ade45068 CAMP fact |
| c 747 | 11 | 16.4 | 38 | 10 | ADG65112 | Adg65112 Primer of |

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| c 748 | 11 | 16.4 | 38 | 10 | ADG65050 | Adg65050 Primer of |
| 749 | 11 | 16.4 | 38 | 10 | ADH69096 | Adh69096 Hepatitis |
| c 750 | 11 | 16.4 | 38 | 12 | ADJ54200 | Adj54200 Human B7- |
| c 751 | 11 | 16.4 | 38 | 12 | ADP80717 | Adp80717 Staphyloc |
| c 752 | 11 | 16.4 | 39 | 6 | ABQ75993 | Abq75993 Forward p |
| 753 | 11 | 16.4 | 40 | 3 | AAZ94303 | Aaz94303 Rat M3 mu |
| 754 | 11 | 16.4 | 40 | 3 | AAZ94354 | Aaz94354 Rat musca |
| 755 | 11 | 16.4 | 40 | 12 | ADH05514 | Adh05514 Gene poly |
| 756 | 11 | 16.4 | 40 | 12 | ADH91301 | Adh91301 1-beta-me |
| 757 | 11 | 16.4 | 41 | 5 | AAH46285 | Aah46285 Human pro |
| 758 | 11 | 16.4 | 41 | 5 | AAI69741 | Aai69741 Human ret |
| 759 | 11 | 16.4 | 41 | 6 | AAL41279 | Aal41279 Human fas |
| c 760 | 11 | 16.4 | 41 | 6 | ABZ44240 | Abz44240 Human ATP |
| c 761 | 11 | 16.4 | 41 | 6 | ARZ48349 | Abz48349 Human org |
| 762 | 11 | 16.4 | 41 | 6 | ABZ46119 | Abz46119 Human org |
| c 763 | 11 | 16.4 | 41 | 6 | ABZ46185 | Abz46185 Human org |
| 764 | 11 | 16.4 | 41 | 6 | ABZ48284 | Abz48284 Human org |
| c 765 | 11 | 16.4 | 41 | 6 | ARZ45377 | Abz45377 Human ATP |
| 766 | 11 | 16.4 | 41 | 6 | ABZ45879 | Abz45879 Human glu |
| c 767 | 11 | 16.4 | 41 | 6 | ABZ46594 | Abz46594 Human ATP |
| c 768 | 11 | 16.4 | 41 | 6 | ABZ46805 | Abz46805 Human ATP |
| 769 | 11 | 16.4 | 41 | 6 | ABZ49488 | Abz49488 Human glu |
| 770 | 11 | 16.4 | 41 | 6 | ABX14847 | Abx14847 ATP depen |
| c 771 | 11 | 16.4 | 41 | 6 | AAK99649 | Aak99649 Hydrogen |
| c 772 | 11 | 16.4 | 41 | 8 | ACC42803 | Acc42803 Ribosome |
| c 773 | 11 | 16.4 | 41 | 8 | ACC42804 | Acc42804 Ribosome |
| c 774 | 11 | 16.4 | 41 | 8 | ABX11649 | Abx11649 Human ubi |
| 775 | 11 | 16.4 | 41 | 12 | ADH05513 | Adh05513 Gene poly |
| 776 | 11 | 16.4 | 41 | 12 | ADH05404 | Adh05404 Gene poly |
| 777 | 11 | 16.4 | 41 | 12 | ADH91191 | Adh91191 1-beta-me |
| 778 | 11 | 16.4 | 41 | 12 | ADH91300 | Adh91300 1-beta-me |
| 779 | 11 | 16.4 | 42 | 2 | AAQ36449 | Aaq36449 Mutagenic |
| c 780 | 11 | 16.4 | 42 | 2 | AAV81964 | Aav81964 V. marinu |
| c 781 | 11 | 16.4 | 42 | 3 | AAA71557 | Aaa71557 V. marinu |
| c 782 | 11 | 16.4 | 43 | 6 | ARZ26959 | Abz26959 Candida e |
| 783 | 11 | 16.4 | 43 | 6 | ARZ27933 | Abz27933 Candida e |
| c 784 | 11 | 16.4 | 43 | 12 | ADQ28198 | Adq28198 Bacteriop |
| c 785 | 11 | 16.4 | 43 | 12 | ADQ28200 | Adq28200 Bacteriop |
| c 786 | 11 | 16.4 | 43 | 12 | ADP96922 | Adp96922 C. albica |
| 787 | 11 | 16.4 | 44 | 10 | ABT17563 | Abt17563 Invader d |
| 788 | 11 | 16.4 | 44 | 10 | ABT17598 | Abt17598 Invader d |
| c 789 | 11 | 16.4 | 45 | 12 | ADH27898 | Adh27898 Human chr |
| 790 | 11 | 16.4 | 45 | 12 | ADH27890 | Adh27890 Human chr |
| 791 | 11 | 16.4 | 46 | 2 | AAQ35510 | Aaq35510 Spacer MP |
| 792 | 11 | 16.4 | 46 | 2 | AAQ24853 | Aaq24853 Oligonucl |
| c 793 | 11 | 16.4 | 46 | 3 | AAZ35037 | Aaz35037 L. jmege |
| 794 | 11 | 16.4 | 46 | 6 | ABI98853 | Abi98853 Oligonucl |
| 795 | 11 | 16.4 | 46 | 11 | ADM66051 | Adm66051 Vaccinia |
| 796 | 11 | 16.4 | 47 | 3 | AAZ55106 | Aaz55106 Neisseria |
| 797 | 11 | 16.4 | 47 | 3 | AAZ69310 | Aaz69310 Human map |
| 798 | 11 | 16.4 | 47 | 3 | AAZ66345 | Aaz66345 Human map |
| 799 | 11 | 16.4 | 47 | 3 | AAZ66940 | Aaz66940 Human map |
| 800 | 11 | 16.4 | 47 | 4 | AAH88371 | Aah88371 CUS disor |
| c 801 | 11 | 16.4 | 47 | 6 | ARK40815 | Abk40815 Human obe |
| c 802 | 11 | 16.4 | 48 | 3 | AAZ89316 | Aaz89316 F V 16 or |
| c 803 | 11 | 16.4 | 48 | 12 | ADP90780 | Adp90780 Primer of |
| 804 | 11 | 16.4 | 49 | 2 | AAQ93294 | Aaq93294 Family 3 |

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| 805 | 11 | 16.4 | 49 | 4 | AAF70675 | Aaf70675 2'NH2 RNA |
| c 806 | 11 | 16.4 | 49 | 6 | ABN72092 | Abn72092 Streptoco |
| 807 | 11 | 16.4 | 49 | 10 | ACF04987 | Acf04987 Hair papi |
| c 808 | 11 | 16.4 | 50 | 2 | AAQ46271 | Aaq46271 IF-1 gene |
| c 809 | 11 | 16.4 | 50 | 4 | AAL31212 | Aal31212 Human SNP |
| c 810 | 11 | 16.4 | 50 | 4 | AAL31448 | Aal31448 Human SNP |
| 811 | 11 | 16.4 | 50 | 4 | AAL28052 | Aal28052 Human SNP |
| c 812 | 11 | 16.4 | 50 | 4 | AAL31211 | Aal31211 Human SNP |
| c 813 | 11 | 16.4 | 50 | 4 | AAL32444 | Aal32444 Human SNP |
| 814 | 11 | 16.4 | 50 | 4 | AAL31147 | Aal31147 Human SNP |
| 815 | 11 | 16.4 | 50 | 4 | AAL28051 | Aal28051 Human SNP |
| 816 | 11 | 16.4 | 50 | 6 | ABZ45722 | Abz45722 Human ATP |
| 817 | 11 | 16.4 | 50 | 6 | ABZ48119 | Abz48119 Human ATP |
| c 818 | 11 | 16.4 | 50 | 6 | ABK32970 | Abk32970 Human lig |
| c 819 | 11 | 16.4 | 50 | 6 | ABZ07767 | Abz07767 Human leu |
| 820 | 11 | 16.4 | 50 | 6 | ABZ00052 | Abz00052 Human leu |
| c 821 | 11 | 16.4 | 50 | 6 | ABZ00418 | Abz00418 Human leu |
| 822 | 11 | 16.4 | 50 | 6 | ABZ02983 | Abz02983 Human leu |
| 823 | 11 | 16.4 | 50 | 6 | ABZ04548 | Abz04548 Human leu |
| 824 | 11 | 16.4 | 50 | 6 | ABZ05429 | Abz05429 Human leu |
| c 825 | 11 | 16.4 | 50 | 6 | ABZ00405 | Abz00405 Human leu |
| 826 | 11 | 16.4 | 50 | 6 | ABZ05491 | Abz05491 Human leu |
| 827 | 11 | 16.4 | 50 | 6 | ABZ07395 | Abz07395 Human leu |
| c 828 | 11 | 16.4 | 50 | 10 | ADD31990 | Add31990 BP-B1X a |
| 829 | 11 | 16.4 | 50 | 10 | ADG33380 | Adg33380 Human DNA |
| c 830 | 11 | 16.4 | 51 | 2 | AAV19361 | Aav19361 ER prime |
| c 831 | 11 | 16.4 | 51 | 2 | AAV19360 | Aav19360 ER prime |
| 832 | 11 | 16.4 | 51 | 4 | AAL31148 | Aal31148 Human SNP |
| 833 | 11 | 16.4 | 51 | 4 | AAL30693 | Aal30693 Human SNP |
| c 834 | 11 | 16.4 | 51 | 4 | AAL31729 | Aal31729 Human SNP |
| 835 | 11 | 16.4 | 51 | 4 | AAL32437 | Aal32437 Human SNP |
| c 836 | 11 | 16.4 | 51 | 4 | AAI75691 | Aai75691 Human sil |
| c 837 | 11 | 16.4 | 51 | 4 | AAI75690 | Aai75690 Human sil |
| 838 | 11 | 16.4 | 51 | 4 | AAI77878 | Aai77878 Human sil |
| 839 | 11 | 16.4 | 51 | 4 | AAI76782 | Aai76782 Human sil |
| 840 | 11 | 16.4 | 51 | 4 | AAH40672 | Aah40672 Human SNP |
| c 841 | 11 | 16.4 | 51 | 5 | ABL00481 | AbL00481 Human sil |
| c 842 | 11 | 16.4 | 51 | 5 | ABL00360 | AbL00360 Human sil |
| c 843 | 11 | 16.4 | 51 | 5 | ABL00480 | AbL00480 Human sil |
| 844 | 11 | 16.4 | 51 | 8 | ABZ09121 | Abz09121 Human oli |
| 845 | 11 | 16.4 | 51 | 10 | ABZ78574 | Abz78574 Tumour su |
| c 846 | 11 | 16.4 | 51 | 10 | ABZ74742 | Abz74742 Human ant |
| c 847 | 11 | 16.4 | 52 | 2 | AAQ73307 | Aaq73307 p10N14192 |
| c 848 | 11 | 16.4 | 52 | 2 | AAQ86763 | Aaq86763 l cZalpha |
| c 849 | 11 | 16.4 | 52 | 2 | AAQ93964 | Aaq93964 Intronic |
| c 850 | 11 | 16.4 | 53 | 6 | ABN71897 | Abn71897 Streptoco |
| 851 | 11 | 16.4 | 54 | 2 | AAV79353 | Aav79353 Saphyloc |
| 852 | 11 | 16.4 | 54 | 2 | AAV79342 | Aav79342 Saphyloc |
| 853 | 11 | 16.4 | 54 | 12 | ADH00004 | Adh00004 Kidney di |
| 854 | 11 | 16.4 | 55 | 3 | AAC11311 | Aac11311 Human sec |
| c 855 | 11 | 16.4 | 57 | 2 | AAV76744 | Aav76744 Saphyloc |
| c 856 | 11 | 16.4 | 58 | 2 | AAV79288 | Aav79288 Saphyloc |
| 857 | 11 | 16.4 | 58 | 8 | ABZ09130 | Abz09130 Human oli |
| 858 | 11 | 16.4 | 58 | 10 | ACD96191 | Acd96191 Human col |
| 859 | 11 | 16.4 | 58 | 10 | ABZ78583 | Abz78583 Tumour su |
| 860 | 11 | 16.4 | 59 | 2 | AAT20458 | Aat20458 Human gen |
| c 861 | 11 | 16.4 | 59 | 2 | AAV77836 | Aav77836 Saphyloc |

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| 862 | 11 | 16.4 | 59 | 3 | AAA62662 | Aaa62662 Cry2A fam |
| 863 | 11 | 16.4 | 59 | 10 | ADD68846 | Add68846 CRY2-6 ol |
| c 864 | 11 | 16.4 | 60 | 6 | ABN43422 | Abn43422 Human spl |
| 865 | 11 | 16.4 | 60 | 6 | ABN59167 | Abn59167 Human spl |
| c 866 | 11 | 16.4 | 60 | 6 | ABN46973 | Abn46973 Human spl |
| 867 | 11 | 16.4 | 60 | 6 | ABN37710 | Abn37710 Human spl |
| c 868 | 11 | 16.4 | 60 | 6 | ABN40399 | Abn40399 Human spl |
| c 869 | 11 | 16.4 | 60 | 8 | ABX50219 | Abx50219 Bovine ES |
| c 870 | 11 | 16.4 | 60 | 10 | ADH11126 | Adh11126 E.coli AT |
| c 871 | 11 | 16.4 | 61 | 8 | ACF19027 | Acf19027 Tumour ce |
| c 872 | 11 | 16.4 | 61 | 10 | ADC84850 | Adc84850 MCF-7 bre |
| c 873 | 11 | 16.4 | 61 | 10 | ACD96678 | AcD96678 Human col |
| 874 | 11 | 16.4 | 62 | 2 | AAT20447 | Aat20447 Human gen |
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| 876 | 11 | 16.4 | 65 | 3 | AAZ29563 | Aaz29563 PCR Prime |
| c 877 | 11 | 16.4 | 65 | 6 | ABZ27654 | Abz27654 Candida e |
| 878 | 11 | 16.4 | 65 | 6 | ABZ26707 | Abz26707 Candida e |
| c 879 | 11 | 16.4 | 65 | 6 | ABZ27063 | Abz27063 Candida e |
| c 880 | 11 | 16.4 | 65 | 6 | ABZ28455 | Abz28455 Candida g |
| 881 | 11 | 16.4 | 65 | 6 | ABZ28263 | Abz28263 Candida g |
| 882 | 11 | 16.4 | 65 | 6 | ABZ28938 | Abz28938 Candida g |
| c 883 | 11 | 16.4 | 65 | 6 | ABZ28412 | Abz28412 Candida g |
| c 884 | 11 | 16.4 | 65 | 6 | ABZ27433 | Abz27433 Candida e |
| 885 | 11 | 16.4 | 65 | 6 | ABZ27303 | Abz27303 Candida e |
| 886 | 11 | 16.4 | 65 | 6 | ABZ28909 | Abz28909 Candida g |
| c 887 | 11 | 16.4 | 65 | 6 | ABZ27487 | Abz27487 Candida e |
| 888 | 11 | 16.4 | 65 | 6 | ABZ28139 | Abz28139 Candida g |
| c 889 | 11 | 16.4 | 65 | 6 | ABZ26585 | Abz26585 Candida e |
| c 890 | 11 | 16.4 | 65 | 6 | ABZ28864 | Abz28864 Candida g |
| 891 | 11 | 16.4 | 65 | 6 | ABZ28461 | Abz28461 Candida g |
| 892 | 11 | 16.4 | 65 | 6 | ABN52796 | Abn52796 House spl |
| 893 | 11 | 16.4 | 65 | 6 | ABN30221 | Abn30221 Rat splic |
| 894 | 11 | 16.4 | 65 | 6 | ABN57361 | Abn57361 House spl |
| 895 | 11 | 16.4 | 65 | 6 | ABN28980 | Abn28980 Rat splic |
| c 896 | 11 | 16.4 | 65 | 12 | ADP97454 | Adp97454 C. albica |
| c 897 | 11 | 16.4 | 66 | 2 | AAV26845 | Aav26845 Recombina |
| 898 | 11 | 16.4 | 66 | 3 | AAC11461 | Aac11461 Human sec |
| c 899 | 11 | 16.4 | 66 | 4 | AAH93341 | Aah93341 Plasmodiu |
| c 900 | 11 | 16.4 | 66 | 10 | ABT17567 | Abt17567 Invader d |
| c 901 | 11 | 16.4 | 66 | 10 | ABT17601 | Abt17601 Invader d |
| c 902 | 11 | 16.4 | 66 | 10 | ABT17602 | Abt17602 Invader d |
| c 903 | 11 | 16.4 | 66 | 10 | ABT17566 | Abt17566 Invader d |
| c 904 | 11 | 16.4 | 67 | 2 | AAQ29197 | Aaq29197 PCR prime |
| c 905 | 11 | 16.4 | 67 | 2 | AAH85571 | Aah85571 Human sin |
| c 906 | 11 | 16.4 | 67 | 9 | ADA09631 | Ada09631 Restricti |
| c 907 | 11 | 16.4 | 67 | 10 | ADC56669 | Adc56669 rEcoli pr |
| c 908 | 11 | 16.4 | 68 | 2 | AAQ67807 | Aaq67807 pAD544 va |
| 909 | 11 | 16.4 | 68 | 2 | AAV79263 | Aav79263 Staphyloc |
| c 910 | 11 | 16.4 | 68 | 2 | AAT47607 | Aat47607 Human MP |
| c 911 | 11 | 16.4 | 68 | 2 | AAV17714 | Aav17714 C. phage |
| c 912 | 11 | 16.4 | 68 | 2 | AAZ08466 | Aaz08466 Humanid p |
| c 913 | 11 | 16.4 | 68 | 6 | AAI68720 | Aai68720 Rat prost |
| c 914 | 11 | 16.4 | 68 | 8 | ABZ09741 | Abz09741 Human oli |
| c 915 | 11 | 16.4 | 68 | 10 | ABZ79194 | Abz79194 Tumour su |
| c 916 | 11 | 16.4 | 70 | 3 | AAC69927 | Aac69927 T. beta- |
| 917 | 11 | 16.4 | 70 | 10 | ADC64820 | Adc64820 HBK-4L- |
| 918 | 11 | 16.4 | 71 | 2 | AAT22846 | Aat22846 Human gen |

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| c 919 | 11 | 16.4 | 71 | 2 | AAV76780 | Aav76780 Atrophyc |
| c 920 | 11 | 16.4 | 72 | 4 | AAH72383 | Aah72383 Human cer |
| c 921 | 11 | 16.4 | 73 | 2 | AAT25546 | Aat25546 Human gen |
| 922 | 11 | 16.4 | 73 | 3 | AAC11155 | Aac11155 Human sec |
| 923 | 11 | 16.4 | 73 | 8 | ABZ09418 | Abz09418 Human oli |
| 924 | 11 | 16.4 | 73 | 10 | ABZ78871 | Abz78871 Tumour su |
| 925 | 11 | 16.4 | 75 | 2 | AAT20432 | Aat20432 Human gen |
| 926 | 11 | 16.4 | 76 | 2 | AAT21246 | Aat21246 Human gen |
| c 927 | 11 | 16.4 | 77 | 2 | AAT25035 | Aat25035 Human gen |
| 928 | 11 | 16.4 | 77 | 2 | AAT88602 | Aat88602 F nucl |
| 929 | 11 | 16.4 | 77 | 2 | AAV79268 | Aav79268 Atrophyc |
| 930 | 11 | 16.4 | 78 | 3 | AAC16722 | Aac16722 Human sec |
| c 931 | 11 | 16.4 | 78 | 12 | ADM87864 | Adm87864 CP4-add R |
| 932 | 11 | 16.4 | 79 | 2 | AAT06251 | Aat06251 Second ro |
| 933 | 11 | 16.4 | 79 | 2 | AAT06227 | Aat06227 HIV-1 rev |
| 934 | 11 | 16.4 | 79 | 2 | AAT06235 | Aat06235 Second ro |
| 935 | 11 | 16.4 | 79 | 3 | AAC25732 | Aac25732 Human sec |
| 936 | 11 | 16.4 | 79 | 4 | AAK55455 | Aak55455 Human imm |
| 937 | 11 | 16.4 | 80 | 2 | AAQ33826 | Aaq33826 Distrea |
| 938 | 11 | 16.4 | 80 | 2 | AAT06203 | Aat06203 HIV-1 rev |
| 939 | 11 | 16.4 | 80 | 2 | AAT06241 | Aat06241 Second ro |
| 940 | 11 | 16.4 | 80 | 2 | AAT06248 | Aat06248 Second ro |
| 941 | 11 | 16.4 | 80 | 2 | AAT06258 | Aat06258 Second ro |
| 942 | 11 | 16.4 | 80 | 2 | AAT14471 | Aat14471 Mouse IgE |
| 943 | 11 | 16.4 | 80 | 4 | AAI27491 | Aai27491 Probe #17 |
| 944 | 11 | 16.4 | 80 | 4 | ABA75805 | Ala75805 Human foe |
| 945 | 11 | 16.4 | 80 | 4 | AAI56461 | Aai56461 Probe #25 |
| 946 | 11 | 16.4 | 80 | 4 | ABA40376 | Aba40376 Probe #18 |
| 947 | 11 | 16.4 | 80 | 4 | AAK50478 | Aak50478 Human bon |
| 948 | 11 | 16.4 | 80 | 4 | AAK24489 | Aak24489 Human bra |
| 949 | 11 | 16.4 | 80 | 4 | ABS50101 | Abs50101 Human liv |
| 950 | 11 | 16.4 | 80 | 6 | ABS23950 | Abs23950 Human gen |
| c 951 | 11 | 16.4 | 80 | 9 | ADA73893 | Ada73893 Carcinoma |
| c 952 | 11 | 16.4 | 80 | 9 | ADA02367 | Ada02367 Mouse car |
| c 953 | 11 | 16.4 | 80 | 10 | ADB72106 | Adb72106 Mouse car |
| 954 | 11 | 16.4 | 81 | 2 | AAT06201 | Aat06201 HIV-1 rev |
| 955 | 11 | 16.4 | 81 | 2 | AAT06256 | Aat06256 Second ro |
| 956 | 11 | 16.4 | 81 | 2 | AAT06224 | Aat06224 HIV-1 rev |
| 957 | 11 | 16.4 | 81 | 2 | AAT06228 | Aat06228 HIV-1 rev |
| 958 | 11 | 16.4 | 81 | 2 | AAT06259 | Aat06259 Second ro |
| 959 | 11 | 16.4 | 81 | 2 | AAT06265 | Aat06265 HIV-1 rev |
| 960 | 11 | 16.4 | 81 | 2 | AAT06195 | Aat06195 HIV-1 rev |
| 961 | 11 | 16.4 | 81 | 2 | AAT06208 | Aat06208 HIV-1 rev |
| 962 | 11 | 16.4 | 81 | 2 | AAT06209 | Aat06209 HIV-1 rev |
| 963 | 11 | 16.4 | 81 | 2 | AAT06217 | Aat06217 HIV-1 rev |
| 964 | 11 | 16.4 | 81 | 2 | AAT06240 | Aat06240 Second ro |
| 965 | 11 | 16.4 | 81 | 2 | AAT06245 | Aat06245 Second ro |
| 966 | 11 | 16.4 | 81 | 2 | AAT06278 | Aat06278 HIV-1 rev |
| 967 | 11 | 16.4 | 81 | 2 | AAT06200 | Aat06200 HIV-1 rev |
| 968 | 11 | 16.4 | 81 | 2 | AAT06230 | Aat06230 HIV-1 rev |
| 969 | 11 | 16.4 | 81 | 2 | AAT06231 | Aat06231 Second ro |
| 970 | 11 | 16.4 | 81 | 2 | AAT06239 | Aat06239 Second ro |
| 971 | 11 | 16.4 | 81 | 2 | AAT06275 | Aat06275 HIV-1 rev |
| 972 | 11 | 16.4 | 81 | 2 | AAT06198 | Aat06198 HIV-1 rev |
| 973 | 11 | 16.4 | 81 | 2 | AAT06202 | Aat06202 HIV-1 rev |
| 974 | 11 | 16.4 | 81 | 2 | AAT06204 | Aat06204 HIV-1 rev |
| 975 | 11 | 16.4 | 81 | 2 | AAT06225 | Aat06225 HIV-1 rev |

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| 976 | 11 | 16.4 | 81 | 2 | AAT06233 | Aat06233 Second ro |
| 977 | 11 | 16.4 | 81 | 2 | AAT06238 | Aat06238 Second ro |
| 978 | 11 | 16.4 | 81 | 2 | AAT06253 | Aat06253 Second ro |
| 979 | 11 | 16.4 | 81 | 2 | AAT06271 | Aat06271 HIV-1 rev |
| 980 | 11 | 16.4 | 81 | 2 | AAT06232 | Aat06232 Second ro |
| 981 | 11 | 16.4 | 81 | 2 | AAT06255 | Aat06255 Second ro |
| 982 | 11 | 16.4 | 81 | 2 | AAT06207 | Aat06207 HIV-1 rev |
| 983 | 11 | 16.4 | 81 | 2 | AAT06234 | Aat06234 Second ro |
| 984 | 11 | 16.4 | 81 | 2 | AAT06274 | Aat06274 HIV-1 rev |
| 985 | 11 | 16.4 | 81 | 2 | AAT06219 | Aat06219 HIV-1 rev |
| 986 | 11 | 16.4 | 81 | 2 | AAT06229 | Aat06229 HIV-1 rev |
| 987 | 11 | 16.4 | 81 | 2 | AAT06242 | Aat06242 Second ro |
| 988 | 11 | 16.4 | 81 | 2 | AAT06269 | Aat06269 HIV-1 rev |
| 989 | 11 | 16.4 | 81 | 2 | AAT06212 | Aat06212 HIV-1 rev |
| 990 | 11 | 16.4 | 81 | 2 | AAT06244 | Aat06244 Second ro |
| 991 | 11 | 16.4 | 81 | 2 | AAT06247 | Aat06247 Second ro |
| 992 | 11 | 16.4 | 81 | 2 | AAT06252 | Aat06252 Second ro |
| 993 | 11 | 16.4 | 81 | 2 | AAT06270 | Aat06270 HIV-1 rev |
| 994 | 11 | 16.4 | 81 | 2 | AAT06199 | Aat06199 HIV-1 rev |
| 995 | 11 | 16.4 | 81 | 2 | AAT06216 | Aat06216 HIV-1 rev |
| 996 | 11 | 16.4 | 81 | 2 | AAT06222 | Aat06222 HIV-1 rev |
| 997 | 11 | 16.4 | 81 | 2 | AAT06250 | Aat06250 Second ro |
| 998 | 11 | 16.4 | 81 | 2 | AAT06260 | Aat06260 Second ro |
| 999 | 11 | 16.4 | 81 | 2 | AAT06237 | Aat06237 Second ro |
| 1000 | 11 | 16.4 | 81 | 2 | AAT06254 | Aat06254 Second ro |

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 06:42:21 ; Search time 67 Seconds
(without alignments)
710.789 Million cell updates/sec

Title: US-09-463-209D-1_COPY_100_166
Perfect score: 67
Sequence: 1 gaagacttaatcaaaataaa.....ttactatctagttttgaatg 67

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 824507 seqs, 355394441 residues

Word size : 10

Total number of hits satisfying chosen parameters: 1568

Minimum DB seq length: 0
Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

Database : Issued_Patents_NA:*
1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result | % | | Query | | | | Description |
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| | No. | Score | Match | Length | DB | ID | |
| | 1 | 30 | 44.8 | 50 | 4 | US-08-956-171E-5118 | Sequence 5118, Ap |
| | 2 | 30 | 44.8 | 50 | 4 | US-08-781-986A-5118 | Sequence 5118, Ap |
| | 3 | 30 | 44.8 | 51 | 4 | US-08-956-171E-5094 | Sequence 5094, Ap |
| | 4 | 30 | 44.8 | 51 | 4 | US-08-781-986A-5094 | Sequence 5094, Ap |
| c | 5 | 28 | 41.8 | 84 | 4 | US-08-956-171E-4902 | Sequence 4902, Ap |
| c | 6 | 28 | 41.8 | 84 | 4 | US-08-781-986A-4902 | Sequence 4902, Ap |
| | 7 | 26 | 38.8 | 60 | 4 | US-08-956-171E-5119 | Sequence 5119, Ap |
| | 8 | 26 | 38.8 | 60 | 4 | US-08-781-986A-5119 | Sequence 5119, Ap |
| c | 9 | 15 | 22.4 | 35 | 4 | US-09-084-303B-103 | Sequence 103, App |
| | 10 | 15 | 22.4 | 99 | 4 | US-09-513-999C-21219 | Sequence 21219, A |
| | 11 | 14 | 20.9 | 21 | 1 | US-08-009-263C-58 | Sequence 58, Appl |
| | 12 | 14 | 20.9 | 21 | 3 | US-08-838-715B-58 | Sequence 58, Appl |

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| c | 13 | 13 | 19.4 | 17 | 3 | US-08-584-040-5885 | Sequence 5885, Ap |
| c | 14 | 13 | 19.4 | 17 | 4 | US-09-371-772B-2730 | Sequence 2730, Ap |
| | 15 | 13 | 19.4 | 19 | 4 | US-09-696-791-1532 | Sequence 1532, Ap |
| | 16 | 13 | 19.4 | 19 | 4 | US-09-696-791-1533 | Sequence 1533, Ap |
| | 17 | 13 | 19.4 | 19 | 4 | US-09-696-791-1534 | Sequence 1534, Ap |
| | 18 | 13 | 19.4 | 19 | 4 | US-09-696-791-1535 | Sequence 1535, Ap |
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| | 28 | 12 | 17.9 | 18 | 1 | US-08-132-168A-10 | Sequence 10, Appl |
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| | 32 | 12 | 17.9 | 20 | 4 | US-09-198-452A-3127 | Sequence 3127, Ap |
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| c | 37 | 12 | 17.9 | 26 | 3 | US-08-783-853A-86 | Sequence 86, Appl |
| c | 38 | 12 | 17.9 | 26 | 3 | US-09-344-050-86 | Sequence 86, Appl |
| c | 39 | 12 | 17.9 | 30 | 3 | US-08-783-853A-22 | Sequence 22, Appl |
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| c | 41 | 12 | 17.9 | 39 | 4 | US-09-828-523A-87 | Sequence 87, Appl |
| | 42 | 12 | 17.9 | 47 | 4 | US-09-422-978-76 | Sequence 76, Appl |
| c | 43 | 12 | 17.9 | 47 | 4 | US-09-422-978-339 | Sequence 339, App |
| c | 44 | 12 | 17.9 | 47 | 4 | US-09-422-978-2857 | Sequence 2857, Ap |
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| c | 46 | 12 | 17.9 | 52 | 4 | US-08-781-986A-2072 | Sequence 2072, Ap |
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| | 51 | 12 | 17.9 | 83 | 4 | US-09-614-285-8 | Sequence 8, Appli |
| c | 52 | 12 | 17.9 | 86 | 3 | US-08-783-853A-82 | Sequence 82, Appl |
| c | 53 | 12 | 17.9 | 86 | 3 | US-09-344-050-82 | Sequence 82, Appl |
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| c | 60 | 11 | 16.4 | 15 | 1 | US-08-311-760A-85 | Sequence 85, Appl |
| c | 61 | 11 | 16.4 | 15 | 2 | US-08-774-310-84 | Sequence 84, Appl |
| c | 62 | 11 | 16.4 | 15 | 2 | US-08-774-310-85 | Sequence 85, Appl |
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| c | 66 | 11 | 16.4 | 19 | 4 | US-09-422-978-8800 | Sequence 8800, Ap |
| c | 67 | 11 | 16.4 | 20 | 2 | US-08-813-508-28 | Sequence 28, Appl |
| c | 68 | 11 | 16.4 | 20 | 3 | US-08-483-746A-24 | Sequence 24, Appl |
| c | 69 | 11 | 16.4 | 20 | 3 | US-09-289-267-63 | Sequence 63, Appl |

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| 72 | 11 | 16.4 | 20 | 3 | US-09-344-914-38 | Sequence 38, Appl |
| 73 | 11 | 16.4 | 20 | 3 | US-09-428-696-84 | Sequence 84, Appl |
| c 74 | 11 | 16.4 | 20 | 3 | US-09-629-645A-58 | Sequence 58, Appl |
| c 75 | 11 | 16.4 | 20 | 3 | US-09-662-250A-92 | Sequence 92, Appl |
| 76 | 11 | 16.4 | 20 | 4 | US-09-853-768-24 | Sequence 24, Appl |
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| c 83 | 11 | 16.4 | 21 | 4 | US-09-422-978-9201 | Sequence 9201, Ap |
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| c 89 | 11 | 16.4 | 24 | 1 | US-07-881-075-36 | Sequence 36, Appl |
| c 90 | 11 | 16.4 | 24 | 1 | US-08-120-827-36 | Sequence 36, Appl |
| c 91 | 11 | 16.4 | 24 | 1 | US-08-478-675-36 | Sequence 36, Appl |
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| 101 | 11 | 16.4 | 26 | 2 | US-08-097-554A-108 | Sequence 108, App |
| 102 | 11 | 16.4 | 26 | 3 | US-08-480-640A-108 | Sequence 108, App |
| 103 | 11 | 16.4 | 26 | 3 | US-08-295-802-108 | Sequence 108, App |
| 104 | 11 | 16.4 | 26 | 3 | US-08-488-237A-108 | Sequence 108, App |
| c 105 | 11 | 16.4 | 26 | 3 | US-09-245-041-85 | Sequence 85, Appl |
| 106 | 11 | 16.4 | 26 | 3 | US-08-375-992A-108 | Sequence 108, App |
| 107 | 11 | 16.4 | 26 | 4 | US-08-472-679H-108 | Sequence 108, App |
| c 108 | 11 | 16.4 | 26 | 4 | US-09-358-055B-86 | Sequence 86, Appl |
| c 109 | 11 | 16.4 | 26 | 4 | US-09-893-238-85 | Sequence 85, Appl |
| c 110 | 11 | 16.4 | 27 | 3 | US-09-136-574A-7 | Sequence 7, Appli |
| c 111 | 11 | 16.4 | 28 | 1 | US-08-479-783A-2 | Sequence 2, Appli |
| c 112 | 11 | 16.4 | 28 | 1 | US-08-479-725-2 | Sequence 2, Appli |
| c 113 | 11 | 16.4 | 28 | 1 | US-08-618-693-2 | Sequence 2, Appli |
| c 114 | 11 | 16.4 | 28 | 1 | US-08-447-169A-238 | Sequence 238, App |
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| c 116 | 11 | 16.4 | 28 | 4 | US-09-851-486-2 | Sequence 2, Appli |
| c 117 | 11 | 16.4 | 28 | 4 | US-09-860-474-238 | Sequence 238, App |
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| 119 | 11 | 16.4 | 29 | 3 | US-09-400-046-5 | Sequence 5, Appli |
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| c 123 | 11 | 16.4 | 31 | 3 | US-09-370-976-3 | Sequence 3, Appli |
| c 124 | 11 | 16.4 | 33 | 1 | US-08-257-073-97 | Sequence 97, Appl |
| 125 | 11 | 16.4 | 33 | 4 | US-09-151-409-14 | Sequence 14, Appl |
| c 126 | 11 | 16.4 | 35 | 1 | US-08-257-073-98 | Sequence 98, Appl |

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| c 130 | 11 | 16.4 | 37 | 3 | US-08-970-740-45 | Sequence 45, Appl |
| c 131 | 11 | 16.4 | 38 | 3 | US-08-777-266A-20 | Sequence 20, Appl |
| c 132 | 11 | 16.4 | 38 | 3 | US-09-326-186B-20 | Sequence 20, Appl |
| c 133 | 11 | 16.4 | 40 | 3 | US-08-956-653A-29 | Sequence 29, Appl |
| 134 | 11 | 16.4 | 42 | 1 | US-08-170-290A-43 | Sequence 43, Appl |
| c 135 | 11 | 16.4 | 42 | 3 | US-09-090-793-59 | Sequence 59, Appl |
| c 136 | 11 | 16.4 | 42 | 4 | US-09-231-899-59 | Sequence 59, Appl |
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| 138 | 11 | 16.4 | 46 | 1 | US-08-105-483-17 | Sequence 17, Appl |
| 139 | 11 | 16.4 | 46 | 1 | US-08-105-483-307 | Sequence 307, App |
| 140 | 11 | 16.4 | 46 | 1 | US-08-073-962-13 | Sequence 13, Appl |
| 141 | 11 | 16.4 | 46 | 1 | US-08-073-962-33 | Sequence 33, Appl |
| 142 | 11 | 16.4 | 46 | 1 | US-07-714-687-17 | Sequence 17, Appl |
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| 144 | 11 | 16.4 | 46 | 1 | US-08-413-118-40 | Sequence 40, Appl |
| 145 | 11 | 16.4 | 46 | 1 | US-08-224-391-17 | Sequence 17, Appl |
| 146 | 11 | 16.4 | 46 | 1 | US-08-484-304-17 | Sequence 17, Appl |
| 147 | 11 | 16.4 | 46 | 1 | US-08-224-657-17 | Sequence 17, Appl |
| 148 | 11 | 16.4 | 46 | 1 | US-08-475-063-17 | Sequence 17, Appl |
| 149 | 11 | 16.4 | 46 | 1 | US-08-207-792-17 | Sequence 17, Appl |
| 150 | 11 | 16.4 | 46 | 1 | US-08-487-412-13 | Sequence 13, Appl |
| 151 | 11 | 16.4 | 46 | 1 | US-08-487-412-33 | Sequence 33, Appl |
| 152 | 11 | 16.4 | 46 | 1 | US-08-709-209-17 | Sequence 17, Appl |
| 153 | 11 | 16.4 | 46 | 1 | US-08-709-209-307 | Sequence 307, App |
| 154 | 11 | 16.4 | 46 | 1 | US-08-257-073-84 | Sequence 84, Appl |
| 155 | 11 | 16.4 | 46 | 1 | US-08-303-275-17 | Sequence 17, Appl |
| 156 | 11 | 16.4 | 46 | 1 | US-08-458-101-17 | Sequence 17, Appl |
| 157 | 11 | 16.4 | 46 | 1 | US-08-458-101-307 | Sequence 307, App |
| 158 | 11 | 16.4 | 46 | 2 | US-08-184-009-17 | Sequence 17, Appl |
| 159 | 11 | 16.4 | 46 | 2 | US-08-486-969-17 | Sequence 17, Appl |
| 160 | 11 | 16.4 | 46 | 2 | US-08-417-210A-17 | Sequence 17, Appl |
| 161 | 11 | 16.4 | 46 | 2 | US-08-458-356-17 | Sequence 17, Appl |
| 162 | 11 | 16.4 | 46 | 2 | US-08-471-025-17 | Sequence 17, Appl |
| 163 | 11 | 16.4 | 46 | 2 | US-08-658-665-17 | Sequence 17, Appl |
| 164 | 11 | 16.4 | 46 | 3 | US-08-473-446-40 | Sequence 40, Appl |
| 165 | 11 | 16.4 | 46 | 3 | US-08-460-736-17 | Sequence 17, Appl |
| 166 | 11 | 16.4 | 46 | 3 | US-09-085-273-17 | Sequence 17, Appl |
| 167 | 11 | 16.4 | 46 | 3 | US-09-354-138-17 | Sequence 17, Appl |
| c 168 | 11 | 16.4 | 46 | 4 | US-09-300-008B-62 | Sequence 62, Appl |
| 169 | 11 | 16.4 | 46 | 4 | US-09-535-370-17 | Sequence 17, Appl |
| 170 | 11 | 16.4 | 46 | 4 | US-09-136-159A-17 | Sequence 17, Appl |
| 171 | 11 | 16.4 | 46 | 4 | US-09-916-963-17 | Sequence 17, Appl |
| 172 | 11 | 16.4 | 46 | 4 | US-09-663-667-17 | Sequence 17, Appl |
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| 175 | 11 | 16.4 | 47 | 4 | US-09-422-978-3666 | Sequence 3666, Ap |
| 176 | 11 | 16.4 | 49 | 1 | US-08-384-708A-137 | Sequence 137, App |
| 177 | 11 | 16.4 | 49 | 3 | US-08-687-421-137 | Sequence 137, App |
| 178 | 11 | 16.4 | 49 | 4 | US-08-442-423-137 | Sequence 137, App |
| c 179 | 11 | 16.4 | 50 | 4 | US-09-603-663-69 | Sequence 69, Appl |
| c 180 | 11 | 16.4 | 50 | 4 | US-09-603-658-69 | Sequence 69, Appl |
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| c 183 | 11 | 16.4 | 51 | 2 | US-08-950-737-7 | Sequence 7, Appli |

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| 186 | 11 | 16.4 | 54 | 4 | US-08-956-171E-5042 | Sequence 5042, Ap |
| 187 | 11 | 16.4 | 54 | 4 | US-08-781-986A-5031 | Sequence 5031, Ap |
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| 189 | 11 | 16.4 | 55 | 4 | US-09-513-999C-15386 | Sequence 15386, A |
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| c 192 | 11 | 16.4 | 58 | 4 | US-08-956-171E-4977 | Sequence 4977, Ap |
| c 193 | 11 | 16.4 | 58 | 4 | US-08-781-986A-4977 | Sequence 4977, Ap |
| 194 | 11 | 16.4 | 59 | 3 | US-09-626-929-9 | Sequence 9, Appli |
| 195 | 11 | 16.4 | 59 | 3 | US-09-484-850-9 | Sequence 9, Appli |
| 196 | 11 | 16.4 | 59 | 3 | US-09-408-392-9 | Sequence 9, Appli |
| 197 | 11 | 16.4 | 59 | 4 | US-09-626-930-9 | Sequence 9, Appli |
| 198 | 11 | 16.4 | 59 | 4 | US-09-626-528-9 | Sequence 9, Appli |
| 199 | 11 | 16.4 | 59 | 4 | US-09-626-595-9 | Sequence 9, Appli |
| 200 | 11 | 16.4 | 59 | 4 | US-09-694-863-9 | Sequence 9, Appli |
| c 201 | 11 | 16.4 | 59 | 4 | US-08-956-171E-3525 | Sequence 3525, Ap |
| c 202 | 11 | 16.4 | 59 | 4 | US-08-781-986A-3525 | Sequence 3525, Ap |
| 203 | 11 | 16.4 | 65 | 4 | US-09-701-896-12 | Sequence 12, Appl |
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| c 212 | 11 | 16.4 | 66 | 1 | US-08-487-412-34 | Sequence 34, Appl |
| c 213 | 11 | 16.4 | 66 | 1 | US-08-709-209-18 | Sequence 18, Appl |
| c 214 | 11 | 16.4 | 66 | 1 | US-08-303-275-18 | Sequence 18, Appl |
| c 215 | 11 | 16.4 | 66 | 1 | US-08-458-101-18 | Sequence 18, Appl |
| c 216 | 11 | 16.4 | 66 | 2 | US-08-658-665-18 | Sequence 18, Appl |
| c 217 | 11 | 16.4 | 66 | 3 | US-09-085-273-18 | Sequence 18, Appl |
| c 218 | 11 | 16.4 | 66 | 4 | US-09-916-963-18 | Sequence 18, Appl |
| 219 | 11 | 16.4 | 66 | 4 | US-09-513-999C-15536 | Sequence 15536, A |
| c 220 | 11 | 16.4 | 68 | 1 | US-08-257-073-19 | Sequence 19, Appl |
| c 221 | 11 | 16.4 | 68 | 2 | US-08-184-009-141 | Sequence 141, App |
| c 222 | 11 | 16.4 | 68 | 2 | US-08-458-356-141 | Sequence 141, App |
| c 223 | 11 | 16.4 | 68 | 2 | US-08-658-665-150 | Sequence 150, App |
| c 224 | 11 | 16.4 | 68 | 3 | US-08-796-101-126 | Sequence 126, App |
| c 225 | 11 | 16.4 | 68 | 3 | US-08-460-736-141 | Sequence 141, App |
| c 226 | 11 | 16.4 | 68 | 3 | US-09-085-273-150 | Sequence 150, App |
| c 227 | 11 | 16.4 | 68 | 4 | US-09-535-370-141 | Sequence 141, App |
| 228 | 11 | 16.4 | 68 | 4 | US-08-956-171E-4952 | Sequence 4952, Ap |
| c 229 | 11 | 16.4 | 68 | 4 | US-09-916-963-150 | Sequence 150, App |
| 230 | 11 | 16.4 | 68 | 4 | US-09-270-767-4380 | Sequence 4380, Ap |
| 231 | 11 | 16.4 | 68 | 4 | US-09-270-767-19662 | Sequence 19662, A |
| 232 | 11 | 16.4 | 68 | 4 | US-08-781-986A-4952 | Sequence 4952, Ap |
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| c 235 | 11 | 16.4 | 71 | 4 | US-08-956-171E-2469 | Sequence 2469, Ap |
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| 240 | 11 | 16.4 | 77 | 4 | US-09-860-474-167 | Sequence 167, App |

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| 242 | 11 | 16.4 | 78 | 4 | US-09-513-999C-20797 | Sequence 20797, A |
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| 244 | 11 | 16.4 | 79 | 1 | US-08-238-863-47 | Sequence 47, Appl |
| 245 | 11 | 16.4 | 79 | 1 | US-08-238-863-63 | Sequence 63, Appl |
| 246 | 11 | 16.4 | 79 | 1 | US-08-443-407-39 | Sequence 39, Appl |
| 247 | 11 | 16.4 | 79 | 1 | US-08-443-407-47 | Sequence 47, Appl |
| 248 | 11 | 16.4 | 79 | 1 | US-08-443-407-63 | Sequence 63, Appl |
| 249 | 11 | 16.4 | 79 | 4 | US-09-513-999C-29807 | Sequence 29807, A |
| 250 | 11 | 16.4 | 79 | 5 | PCT-US95-05600-183 | Sequence 183, App |
| 251 | 11 | 16.4 | 79 | 5 | PCT-US95-05600-191 | Sequence 191, App |
| 252 | 11 | 16.4 | 79 | 5 | PCT-US95-05600-207 | Sequence 207, App |
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| 255 | 11 | 16.4 | 80 | 1 | US-08-238-863-60 | Sequence 60, Appl |
| 256 | 11 | 16.4 | 80 | 1 | US-08-238-863-70 | Sequence 70, Appl |
| 257 | 11 | 16.4 | 80 | 1 | US-08-471-985A-95 | Sequence 95, Appl |
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| 260 | 11 | 16.4 | 80 | 1 | US-08-443-407-60 | Sequence 60, Appl |
| 261 | 11 | 16.4 | 80 | 1 | US-08-443-407-70 | Sequence 70, Appl |
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| 263 | 11 | 16.4 | 80 | 5 | PCT-US95-05600-159 | Sequence 159, App |
| 264 | 11 | 16.4 | 80 | 5 | PCT-US95-05600-197 | Sequence 197, App |
| 265 | 11 | 16.4 | 80 | 5 | PCT-US95-05600-204 | Sequence 204, App |
| 266 | 11 | 16.4 | 80 | 5 | PCT-US95-05600-214 | Sequence 214, App |
| 267 | 11 | 16.4 | 80 | 5 | PCT-US95-12401A-95 | Sequence 95, Appl |
| c 268 | 11 | 16.4 | 81 | 1 | US-08-238-863-1 | Sequence 1, Appli |
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| 536 | 11 | 16.4 | 84 | 1 | US-08-447-169A-217 | Sequence 217, App |
| 537 | 11 | 16.4 | 84 | 3 | US-08-687-421-332 | Sequence 332, App |
| 538 | 11 | 16.4 | 84 | 3 | US-08-687-421-333 | Sequence 333, App |
| 539 | 11 | 16.4 | 84 | 3 | US-08-973-124-93 | Sequence 93, Appl |
| 540 | 11 | 16.4 | 84 | 3 | US-08-973-124-106 | Sequence 106, App |
| 541 | 11 | 16.4 | 84 | 3 | US-08-973-124-107 | Sequence 107, App |
| 542 | 11 | 16.4 | 84 | 3 | US-08-991-743C-4 | Sequence 4, Appli |
| 543 | 11 | 16.4 | 84 | 3 | US-08-991-743C-17 | Sequence 17, Appl |
| 544 | 11 | 16.4 | 84 | 3 | US-08-991-743C-18 | Sequence 18, Appl |
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| 546 | 11 | 16.4 | 84 | 4 | US-09-851-486-17 | Sequence 17, Appl |
| 547 | 11 | 16.4 | 84 | 4 | US-09-851-486-18 | Sequence 18, Appl |
| 548 | 11 | 16.4 | 84 | 4 | US-09-860-474-175 | Sequence 175, App |
| 549 | 11 | 16.4 | 84 | 4 | US-09-860-474-181 | Sequence 181, App |
| 550 | 11 | 16.4 | 84 | 4 | US-09-860-474-217 | Sequence 217, App |
| 551 | 11 | 16.4 | 84 | 5 | PCT-US96-08014-93 | Sequence 93, Appl |
| 552 | 11 | 16.4 | 84 | 5 | PCT-US96-08014-106 | Sequence 106, App |
| 553 | 11 | 16.4 | 84 | 5 | PCT-US96-08014-107 | Sequence 107, App |
| 554 | 11 | 16.4 | 85 | 1 | US-08-479-783A-5 | Sequence 5, Appli |
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| 556 | 11 | 16.4 | 85 | 1 | US-08-479-783A-11 | Sequence 11, Appl |
| 557 | 11 | 16.4 | 85 | 1 | US-08-479-783A-26 | Sequence 26, Appl |
| 558 | 11 | 16.4 | 85 | 1 | US-08-479-783A-30 | Sequence 30, Appl |
| 559 | 11 | 16.4 | 85 | 1 | US-08-479-783A-32 | Sequence 32, Appl |
| 560 | 11 | 16.4 | 85 | 1 | US-08-479-725-5 | Sequence 5, Appli |
| 561 | 11 | 16.4 | 85 | 1 | US-08-479-725-7 | Sequence 7, Appli |
| 562 | 11 | 16.4 | 85 | 1 | US-08-479-725-11 | Sequence 11, Appl |
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| 565 | 11 | 16.4 | 85 | 1 | US-08-479-725-32 | Sequence 32, Appl |
| 566 | 11 | 16.4 | 85 | 1 | US-08-618-693-5 | Sequence 5, Appli |
| 567 | 11 | 16.4 | 85 | 1 | US-08-618-693-7 | Sequence 7, Appli |
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| 574 | 11 | 16.4 | 85 | 1 | US-08-447-169A-165 | Sequence 165, App |
| 575 | 11 | 16.4 | 85 | 1 | US-08-447-169A-170 | Sequence 170, App |
| 576 | 11 | 16.4 | 85 | 1 | US-08-447-169A-171 | Sequence 171, App |
| 577 | 11 | 16.4 | 85 | 1 | US-08-447-169A-173 | Sequence 173, App |
| 578 | 11 | 16.4 | 85 | 1 | US-08-447-169A-184 | Sequence 184, App |
| 579 | 11 | 16.4 | 85 | 1 | US-08-447-169A-196 | Sequence 196, App |
| 580 | 11 | 16.4 | 85 | 1 | US-08-447-169A-207 | Sequence 207, App |
| 581 | 11 | 16.4 | 85 | 1 | US-08-447-169A-208 | Sequence 208, App |
| 582 | 11 | 16.4 | 85 | 1 | US-08-447-169A-213 | Sequence 213, App |

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| 587 | 11 | 16.4 | 85 | 3 | US-08-687-421-371 | Sequence 371, App |
| 588 | 11 | 16.4 | 85 | 3 | US-08-687-421-373 | Sequence 373, App |
| 589 | 11 | 16.4 | 85 | 3 | US-08-687-421-392 | Sequence 392, App |
| 590 | 11 | 16.4 | 85 | 3 | US-08-973-124-94 | Sequence 94, Appl |
| 591 | 11 | 16.4 | 85 | 3 | US-08-973-124-96 | Sequence 96, Appl |
| 592 | 11 | 16.4 | 85 | 3 | US-08-973-124-100 | Sequence 100, App |
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| 594 | 11 | 16.4 | 85 | 3 | US-08-973-124-119 | Sequence 119, App |
| 595 | 11 | 16.4 | 85 | 3 | US-08-973-124-121 | Sequence 121, App |
| 596 | 11 | 16.4 | 85 | 3 | US-08-991-743C-5 | Sequence 5, Appli |
| 597 | 11 | 16.4 | 85 | 3 | US-08-991-743C-7 | Sequence 7, Appli |
| 598 | 11 | 16.4 | 85 | 3 | US-08-991-743C-11 | Sequence 11, Appl |
| 599 | 11 | 16.4 | 85 | 3 | US-08-991-743C-26 | Sequence 26, Appl |
| 600 | 11 | 16.4 | 85 | 3 | US-08-991-743C-30 | Sequence 30, Appl |
| 601 | 11 | 16.4 | 85 | 3 | US-08-991-743C-32 | Sequence 32, Appl |
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| 603 | 11 | 16.4 | 85 | 4 | US-09-851-486-7 | Sequence 7, Appli |
| 604 | 11 | 16.4 | 85 | 4 | US-09-851-486-11 | Sequence 11, Appl |
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| 606 | 11 | 16.4 | 85 | 4 | US-09-851-486-30 | Sequence 30, Appl |
| 607 | 11 | 16.4 | 85 | 4 | US-09-851-486-32 | Sequence 32, Appl |
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| 609 | 11 | 16.4 | 85 | 4 | US-09-860-474-164 | Sequence 164, App |
| 610 | 11 | 16.4 | 85 | 4 | US-09-860-474-165 | Sequence 165, App |
| 611 | 11 | 16.4 | 85 | 4 | US-09-860-474-170 | Sequence 170, App |
| 612 | 11 | 16.4 | 85 | 4 | US-09-860-474-171 | Sequence 171, App |
| 613 | 11 | 16.4 | 85 | 4 | US-09-860-474-173 | Sequence 173, App |
| 614 | 11 | 16.4 | 85 | 4 | US-09-860-474-184 | Sequence 184, App |
| 615 | 11 | 16.4 | 85 | 4 | US-09-860-474-196 | Sequence 196, App |
| 616 | 11 | 16.4 | 85 | 4 | US-09-860-474-207 | Sequence 207, App |
| 617 | 11 | 16.4 | 85 | 4 | US-09-860-474-208 | Sequence 208, App |
| 618 | 11 | 16.4 | 85 | 4 | US-09-860-474-213 | Sequence 213, App |
| 619 | 11 | 16.4 | 85 | 4 | US-09-860-474-216 | Sequence 216, App |
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| 625 | 11 | 16.4 | 85 | 5 | PCT-US96-08014-121 | Sequence 121, App |
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| 636 | 11 | 16.4 | 86 | 1 | US-08-479-783A-21 | Sequence 21, Appl |
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| 638 | 11 | 16.4 | 86 | 1 | US-08-479-783A-23 | Sequence 23, Appl |
| 639 | 11 | 16.4 | 86 | 1 | US-08-479-783A-24 | Sequence 24, Appl |

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| 644 | 11 | 16.4 | 86 | 1 | US-08-479-783A-33 | Sequence 33, Appl |
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| 688 | 11 | 16.4 | 86 | 1 | US-08-618-693-35 | Sequence 35, Appl |
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| 690 | 11 | 16.4 | 86 | 1 | US-08-447-169A-160 | Sequence 160, App |
| 691 | 11 | 16.4 | 86 | 1 | US-08-447-169A-162 | Sequence 162, App |
| 692 | 11 | 16.4 | 86 | 1 | US-08-447-169A-163 | Sequence 163, App |
| 693 | 11 | 16.4 | 86 | 1 | US-08-447-169A-166 | Sequence 166, App |
| 694 | 11 | 16.4 | 86 | 1 | US-08-447-169A-168 | Sequence 168, App |
| 695 | 11 | 16.4 | 86 | 1 | US-08-447-169A-169 | Sequence 169, App |
| 696 | 11 | 16.4 | 86 | 1 | US-08-447-169A-172 | Sequence 172, App |

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| 703 | 11 | 16.4 | 86 | 1 | US-08-447-169A-214 | Sequence 214, App |
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| 707 | 11 | 16.4 | 86 | 3 | US-08-687-421-330 | Sequence 330, App |
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| 724 | 11 | 16.4 | 86 | 3 | US-08-687-421-398 | Sequence 398, App |
| 725 | 11 | 16.4 | 86 | 3 | US-08-687-421-410 | Sequence 410, App |
| 726 | 11 | 16.4 | 86 | 3 | US-08-687-421-411 | Sequence 411, App |
| 727 | 11 | 16.4 | 86 | 3 | US-08-687-421-423 | Sequence 423, App |
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| 739 | 11 | 16.4 | 86 | 3 | US-08-973-124-109 | Sequence 109, App |
| 740 | 11 | 16.4 | 86 | 3 | US-08-973-124-110 | Sequence 110, App |
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| 742 | 11 | 16.4 | 86 | 3 | US-08-973-124-112 | Sequence 112, App |
| 743 | 11 | 16.4 | 86 | 3 | US-08-973-124-113 | Sequence 113, App |
| 744 | 11 | 16.4 | 86 | 3 | US-08-973-124-114 | Sequence 114, App |
| 745 | 11 | 16.4 | 86 | 3 | US-08-973-124-116 | Sequence 116, App |
| 746 | 11 | 16.4 | 86 | 3 | US-08-973-124-117 | Sequence 117, App |
| 747 | 11 | 16.4 | 86 | 3 | US-08-973-124-120 | Sequence 120, App |
| 748 | 11 | 16.4 | 86 | 3 | US-08-973-124-122 | Sequence 122, App |
| 749 | 11 | 16.4 | 86 | 3 | US-08-973-124-123 | Sequence 123, App |
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| 753 | 11 | 16.4 | 86 | 3 | US-08-991-743C-9 | Sequence 9, Appli |

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| 767 | 11 | 16.4 | 86 | 3 | US-08-991-743C-28 | Sequence 28, Appl |
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| 795 | 11 | 16.4 | 86 | 4 | US-09-860-474-162 | Sequence 162, App |
| 796 | 11 | 16.4 | 86 | 4 | US-09-860-474-163 | Sequence 163, App |
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| 805 | 11 | 16.4 | 86 | 4 | US-09-860-474-210 | Sequence 210, App |
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| 807 | 11 | 16.4 | 86 | 4 | US-09-860-474-214 | Sequence 214, App |
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| 827 | 11 | 16.4 | 86 | 5 | PCT-US96-08014-120 | Sequence 120, App |
| 828 | 11 | 16.4 | 86 | 5 | PCT-US96-08014-122 | Sequence 122, App |
| 829 | 11 | 16.4 | 86 | 5 | PCT-US96-08014-123 | Sequence 123, App |
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ALIGNMENTS

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Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 4300275 seqs, 2872944193 residues

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Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

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SUMMARIES

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| 8 | 26 | 38.8 | 60 | 16 US-10-329-624-5119 | Sequence 5119, Ap |
| c 9 | 15 | 22.4 | 18 | 15 US-10-091-281-424 | Sequence 424, App |
| c 10 | 15 | 22.4 | 35 | 15 US-10-339-740-103 | Sequence 103, App |
| 11 | 14 | 20.9 | 17 | 9 US-09-864-785-615 | Sequence 615, App |
| c 12 | 14 | 20.9 | 33 | 17 US-10-128-520-253 | Sequence 253, App |
| c 13 | 14 | 20.9 | 33 | 17 US-10-128-520-262 | Sequence 262, App |
| c 14 | 14 | 20.9 | 43 | 17 US-10-344-124-40 | Sequence 40, Appl |
| c 15 | 13 | 19.4 | 13 | 18 US-10-257-017B-68965 | Sequence 68965, A |
| 16 | 13 | 19.4 | 13 | 18 US-10-257-017B-68966 | Sequence 68966, A |
| 17 | 13 | 19.4 | 13 | 18 US-10-257-017B-70695 | Sequence 70695, A |
| c 18 | 13 | 19.4 | 13 | 18 US-10-257-017B-70696 | Sequence 70696, A |
| c 19 | 13 | 19.4 | 13 | 18 US-10-257-017B-97003 | Sequence 97003, A |
| 20 | 13 | 19.4 | 13 | 18 US-10-257-017B-97004 | Sequence 97004, A |
| 21 | 13 | 19.4 | 13 | 18 US-10-257-017B-130827 | Sequence 130827, |
| c 22 | 13 | 19.4 | 13 | 18 US-10-257-017B-130828 | Sequence 130828, |
| 23 | 13 | 19.4 | 15 | 15 US-10-091-281-426 | Sequence 426, App |
| c 24 | 13 | 19.4 | 16 | 15 US-10-108-164-15 | Sequence 15, Appl |
| 25 | 13 | 19.4 | 17 | 9 US-09-864-785-2130 | Sequence 2130, Ap |
| c 26 | 13 | 19.4 | 17 | 16 US-10-138-674-2730 | Sequence 2730, Ap |
| c 27 | 13 | 19.4 | 17 | 17 US-10-287-949A-2730 | Sequence 2730, Ap |
| 28 | 13 | 19.4 | 20 | 16 US-10-349-143-9056 | Sequence 9056, Ap |
| c 29 | 13 | 19.4 | 20 | 16 US-10-212-993-75 | Sequence 75, Appl |
| 30 | 13 | 19.4 | 20 | 16 US-10-212-993-126 | Sequence 126, App |
| c 31 | 13 | 19.4 | 25 | 15 US-10-098-263B-12223 | Sequence 12223, A |
| 32 | 13 | 19.4 | 25 | 15 US-10-098-263B-39273 | Sequence 39273, A |
| c 33 | 13 | 19.4 | 26 | 17 US-10-344-124-44 | Sequence 44, Appl |
| c 34 | 13 | 19.4 | 33 | 17 US-10-128-520-256 | Sequence 256, App |
| c 35 | 13 | 19.4 | 50 | 16 US-10-131-827-3207 | Sequence 3207, Ap |
| c 36 | 13 | 19.4 | 51 | 15 US-10-393-815-120 | Sequence 120, App |
| c 37 | 13 | 19.4 | 51 | 15 US-10-393-815-162 | Sequence 162, App |
| 38 | 13 | 19.4 | 51 | 18 US-10-865-478-379 | Sequence 379, App |
| c 39 | 13 | 19.4 | 57 | 11 US-09-842-776A-17 | Sequence 17, Appl |
| 40 | 13 | 19.4 | 65 | 10 US-09-908-975-29604 | Sequence 29604, A |
| 41 | 13 | 19.4 | 65 | 15 US-10-032-585-2536 | Sequence 2536, Ap |
| 42 | 12 | 17.9 | 12 | 18 US-10-257-017B-268132 | Sequence 268132, |
| c 43 | 12 | 17.9 | 12 | 18 US-10-257-017B-269042 | Sequence 269042, |
| c 44 | 12 | 17.9 | 12 | 18 US-10-257-017B-273125 | Sequence 273125, |
| c 45 | 12 | 17.9 | 12 | 18 US-10-257-017B-280440 | Sequence 280440, |
| c 46 | 12 | 17.9 | 12 | 18 US-10-257-017B-300714 | Sequence 300714, |
| 47 | 12 | 17.9 | 12 | 18 US-10-257-017B-311839 | Sequence 311839, |
| c 48 | 12 | 17.9 | 12 | 18 US-10-257-017B-318994 | Sequence 318994, |
| 49 | 12 | 17.9 | 12 | 18 US-10-257-017B-319826 | Sequence 319826, |
| c 50 | 12 | 17.9 | 12 | 18 US-10-257-017B-321327 | Sequence 321327, |
| 51 | 12 | 17.9 | 12 | 18 US-10-257-017B-356133 | Sequence 356133, |
| 52 | 12 | 17.9 | 12 | 18 US-10-257-017B-373317 | Sequence 373317, |
| c 53 | 12 | 17.9 | 13 | 18 US-10-257-017B-7093 | Sequence 7093, Ap |
| 54 | 12 | 17.9 | 13 | 18 US-10-257-017B-7094 | Sequence 7094, Ap |

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| c | 55 | 12 | 17.9 | 13 | 18 | US-10-257-017B-26041 | Sequence 26041, A |
| | 56 | 12 | 17.9 | 13 | 18 | US-10-257-017B-26042 | Sequence 26042, A |
| c | 57 | 12 | 17.9 | 13 | 18 | US-10-257-017B-31337 | Sequence 31337, A |
| | 58 | 12 | 17.9 | 13 | 18 | US-10-257-017B-31338 | Sequence 31338, A |
| | 59 | 12 | 17.9 | 13 | 18 | US-10-257-017B-32517 | Sequence 32517, A |
| c | 60 | 12 | 17.9 | 13 | 18 | US-10-257-017B-32518 | Sequence 32518, A |
| | 61 | 12 | 17.9 | 13 | 18 | US-10-257-017B-52103 | Sequence 52103, A |
| c | 62 | 12 | 17.9 | 13 | 18 | US-10-257-017B-52104 | Sequence 52104, A |
| | 63 | 12 | 17.9 | 13 | 18 | US-10-257-017B-79417 | Sequence 79417, A |
| c | 64 | 12 | 17.9 | 13 | 18 | US-10-257-017B-79418 | Sequence 79418, A |
| | 65 | 12 | 17.9 | 13 | 18 | US-10-257-017B-92627 | Sequence 92627, A |
| c | 66 | 12 | 17.9 | 13 | 18 | US-10-257-017B-92628 | Sequence 92628, A |
| c | 67 | 12 | 17.9 | 13 | 18 | US-10-257-017B-118739 | Sequence 118739, |
| | 68 | 12 | 17.9 | 13 | 18 | US-10-257-017B-118740 | Sequence 118740, |
| c | 69 | 12 | 17.9 | 13 | 18 | US-10-257-017B-121653 | Sequence 121653, |
| | 70 | 12 | 17.9 | 13 | 18 | US-10-257-017B-121654 | Sequence 121654, |
| c | 71 | 12 | 17.9 | 13 | 18 | US-10-257-017B-189299 | Sequence 189299, |
| | 72 | 12 | 17.9 | 13 | 18 | US-10-257-017B-189300 | Sequence 189300, |
| | 73 | 12 | 17.9 | 13 | 18 | US-10-257-017B-194817 | Sequence 194817, |
| c | 74 | 12 | 17.9 | 13 | 18 | US-10-257-017B-194818 | Sequence 194818, |
| | 75 | 12 | 17.9 | 13 | 18 | US-10-257-017B-241781 | Sequence 241781, |
| c | 76 | 12 | 17.9 | 13 | 18 | US-10-257-017B-241782 | Sequence 241782, |
| c | 77 | 12 | 17.9 | 13 | 18 | US-10-257-017B-262699 | Sequence 262699, |
| | 78 | 12 | 17.9 | 13 | 18 | US-10-257-017B-262700 | Sequence 262700, |
| c | 79 | 12 | 17.9 | 13 | 18 | US-10-257-017B-264407 | Sequence 264407, |
| | 80 | 12 | 17.9 | 13 | 18 | US-10-257-017B-264408 | Sequence 264408, |
| | 81 | 12 | 17.9 | 16 | 15 | US-10-108-164-37 | Sequence 37, Appl |
| c | 82 | 12 | 17.9 | 16 | 18 | US-10-776-933-54 | Sequence 54, Appl |
| c | 83 | 12 | 17.9 | 16 | 18 | US-10-776-933-145 | Sequence 145, App |
| | 84 | 12 | 17.9 | 17 | 9 | US-09-864-785-2131 | Sequence 2131, Ap |
| c | 85 | 12 | 17.9 | 17 | 17 | US-10-344-124-45 | Sequence 45, Appl |
| | 86 | 12 | 17.9 | 20 | 15 | US-10-337-321-1 | Sequence 1, Appli |
| | 87 | 12 | 17.9 | 20 | 16 | US-10-289-762-3127 | Sequence 3127, Ap |
| | 88 | 12 | 17.9 | 20 | 16 | US-10-447-136-53 | Sequence 53, Appl |
| c | 89 | 12 | 17.9 | 20 | 17 | US-10-304-113-65 | Sequence 65, Appl |
| | 90 | 12 | 17.9 | 20 | 17 | US-10-304-113-143 | Sequence 143, App |
| | 91 | 12 | 17.9 | 20 | 17 | US-10-337-231-1 | Sequence 1, Appli |
| | 92 | 12 | 17.9 | 20 | 18 | US-10-789-526-141 | Sequence 141, App |
| c | 93 | 12 | 17.9 | 20 | 18 | US-10-789-526-258 | Sequence 258, App |
| c | 94 | 12 | 17.9 | 22 | 10 | US-09-902-214-9 | Sequence 9, Appli |
| c | 95 | 12 | 17.9 | 24 | 9 | US-09-730-716-9 | Sequence 9, Appli |
| c | 96 | 12 | 17.9 | 24 | 15 | US-10-091-281-427 | Sequence 427, App |
| c | 97 | 12 | 17.9 | 24 | 16 | US-10-664-422-216 | Sequence 216, App |
| c | 98 | 12 | 17.9 | 24 | 16 | US-10-664-423-216 | Sequence 216, App |
| c | 99 | 12 | 17.9 | 24 | 18 | US-10-664-603-216 | Sequence 216, App |
| | 100 | 12 | 17.9 | 25 | 10 | US-09-902-214-59 | Sequence 59, Appl |
| c | 101 | 12 | 17.9 | 25 | 15 | US-10-098-263B-9085 | Sequence 9085, Ap |
| | 102 | 12 | 17.9 | 25 | 15 | US-10-098-263B-11464 | Sequence 11464, A |
| c | 103 | 12 | 17.9 | 25 | 15 | US-10-098-263B-12224 | Sequence 12224, A |
| | 104 | 12 | 17.9 | 25 | 15 | US-10-098-263B-51543 | Sequence 51543, A |
| | 105 | 12 | 17.9 | 25 | 15 | US-10-098-263B-100249 | Sequence 100249, |
| | 106 | 12 | 17.9 | 25 | 15 | US-10-098-263B-100381 | Sequence 100381, |
| c | 107 | 12 | 17.9 | 25 | 15 | US-10-098-263B-109863 | Sequence 109863, |
| c | 108 | 12 | 17.9 | 25 | 15 | US-10-098-263B-109864 | Sequence 109864, |
| | 109 | 12 | 17.9 | 25 | 15 | US-10-098-263B-114529 | Sequence 114529, |
| c | 110 | 12 | 17.9 | 26 | 9 | US-09-965-099-86 | Sequence 86, Appl |
| c | 111 | 12 | 17.9 | 26 | 13 | US-10-051-852-86 | Sequence 86, Appl |

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| c 112 | 12 | 17.9 | 26 | 15 | US-10-430-176-86 | Sequence 86, Appl |
| 113 | 12 | 17.9 | 29 | 13 | US-10-027-632-176044 | Sequence 176044, |
| 114 | 12 | 17.9 | 29 | 13 | US-10-027-632-176055 | Sequence 176055, |
| 115 | 12 | 17.9 | 29 | 15 | US-10-027-632-176044 | Sequence 176044, |
| 116 | 12 | 17.9 | 29 | 15 | US-10-027-632-176055 | Sequence 176055, |
| c 117 | 12 | 17.9 | 29 | 16 | US-10-386-050A-29 | Sequence 29, Appl |
| c 118 | 12 | 17.9 | 30 | 9 | US-09-965-099-22 | Sequence 22, Appl |
| c 119 | 12 | 17.9 | 30 | 13 | US-10-051-852-22 | Sequence 22, Appl |
| c 120 | 12 | 17.9 | 30 | 15 | US-10-430-176-22 | Sequence 22, Appl |
| 121 | 12 | 17.9 | 31 | 9 | US-09-801-274-104 | Sequence 104, App |
| c 122 | 12 | 17.9 | 31 | 13 | US-10-010-066-68 | Sequence 68, Appl |
| 123 | 12 | 17.9 | 31 | 17 | US-10-618-083-10 | Sequence 10, Appl |
| c 124 | 12 | 17.9 | 33 | 17 | US-10-128-520-250 | Sequence 250, App |
| c 125 | 12 | 17.9 | 37 | 16 | US-10-193-377-11 | Sequence 11, Appl |
| c 126 | 12 | 17.9 | 39 | 9 | US-09-828-523A-87 | Sequence 87, Appl |
| 127 | 12 | 17.9 | 39 | 14 | US-10-042-945-62 | Sequence 62, Appl |
| 128 | 12 | 17.9 | 39 | 14 | US-10-042-945-64 | Sequence 64, Appl |
| c 129 | 12 | 17.9 | 39 | 17 | US-10-128-520-265 | Sequence 265, App |
| 130 | 12 | 17.9 | 40 | 17 | US-10-724-108-67 | Sequence 67, Appl |
| c 131 | 12 | 17.9 | 40 | 18 | US-10-476-597-56 | Sequence 56, Appl |
| c 132 | 12 | 17.9 | 41 | 16 | US-10-035-833A-4341 | Sequence 4341, Ap |
| 133 | 12 | 17.9 | 43 | 15 | US-10-032-585-884 | Sequence 884, App |
| 134 | 12 | 17.9 | 47 | 16 | US-10-349-143-76 | Sequence 76, Appl |
| c 135 | 12 | 17.9 | 47 | 16 | US-10-349-143-339 | Sequence 339, App |
| c 136 | 12 | 17.9 | 47 | 16 | US-10-349-143-2857 | Sequence 2857, Ap |
| 137 | 12 | 17.9 | 49 | 13 | US-10-027-632-176005 | Sequence 176005, |
| 138 | 12 | 17.9 | 49 | 15 | US-10-027-632-176005 | Sequence 176005, |
| 139 | 12 | 17.9 | 50 | 16 | US-10-131-827-2677 | Sequence 2677, Ap |
| 140 | 12 | 17.9 | 50 | 16 | US-10-131-827-7955 | Sequence 7955, Ap |
| c 141 | 12 | 17.9 | 52 | 8 | US-08-781-986A-2072 | Sequence 2072, Ap |
| c 142 | 12 | 17.9 | 52 | 16 | US-10-329-624-2072 | Sequence 2072, Ap |
| c 143 | 12 | 17.9 | 55 | 15 | US-10-106-698-3979 | Sequence 3979, Ap |
| 144 | 12 | 17.9 | 60 | 10 | US-09-908-975-7362 | Sequence 7362, Ap |
| 145 | 12 | 17.9 | 60 | 10 | US-09-908-975-7845 | Sequence 7845, Ap |
| 146 | 12 | 17.9 | 60 | 10 | US-09-908-975-19386 | Sequence 19386, A |
| c 147 | 12 | 17.9 | 65 | 15 | US-10-032-585-2746 | Sequence 2746, Ap |
| 148 | 12 | 17.9 | 65 | 15 | US-10-032-585-3100 | Sequence 3100, Ap |
| c 149 | 12 | 17.9 | 65 | 15 | US-10-032-585-3480 | Sequence 3480, Ap |
| 150 | 12 | 17.9 | 68 | 15 | US-10-106-698-3495 | Sequence 3495, Ap |
| 151 | 12 | 17.9 | 80 | 9 | US-09-969-373-498 | Sequence 498, App |
| 152 | 12 | 17.9 | 80 | 13 | US-10-027-632-175806 | Sequence 175806, |
| 153 | 12 | 17.9 | 80 | 15 | US-10-027-632-175806 | Sequence 175806, |
| 154 | 12 | 17.9 | 85 | 18 | US-10-914-037-577 | Sequence 577, App |
| c 155 | 12 | 17.9 | 86 | 9 | US-09-965-099-82 | Sequence 82, Appl |
| c 156 | 12 | 17.9 | 86 | 13 | US-10-051-852-82 | Sequence 82, Appl |
| c 157 | 12 | 17.9 | 86 | 15 | US-10-430-176-82 | Sequence 82, Appl |
| 158 | 12 | 17.9 | 88 | 14 | US-10-066-543-2957 | Sequence 2957, Ap |
| 159 | 12 | 17.9 | 90 | 11 | US-09-801-348-30 | Sequence 30, Appl |
| c 160 | 12 | 17.9 | 91 | 9 | US-09-965-099-18 | Sequence 18, Appl |
| c 161 | 12 | 17.9 | 91 | 13 | US-10-051-852-18 | Sequence 18, Appl |
| c 162 | 12 | 17.9 | 91 | 15 | US-10-430-176-18 | Sequence 18, Appl |
| 163 | 12 | 17.9 | 93 | 15 | US-10-055-728-72 | Sequence 72, Appl |
| 164 | 12 | 17.9 | 93 | 15 | US-10-310-677-72 | Sequence 72, Appl |
| 165 | 12 | 17.9 | 93 | 17 | US-10-021-323-8649 | Sequence 8649, Ap |
| c 166 | 12 | 17.9 | 94 | 17 | US-10-021-323-7100 | Sequence 7100, Ap |
| c 167 | 12 | 17.9 | 96 | 15 | US-10-091-007-69 | Sequence 69, Appl |
| c 168 | 12 | 17.9 | 100 | 9 | US-09-924-035A-660 | Sequence 660, App |

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| c 169 | 11 | 16.4 | 12 | 18 | US-10-257-017B-267635 | Sequence 267635, |
| c 170 | 11 | 16.4 | 12 | 18 | US-10-257-017B-268183 | Sequence 268183, |
| c 171 | 11 | 16.4 | 12 | 18 | US-10-257-017B-272706 | Sequence 272706, |
| c 172 | 11 | 16.4 | 12 | 18 | US-10-257-017B-273937 | Sequence 273937, |
| 173 | 11 | 16.4 | 12 | 18 | US-10-257-017B-274889 | Sequence 274889, |
| c 174 | 11 | 16.4 | 12 | 18 | US-10-257-017B-275865 | Sequence 275865, |
| 175 | 11 | 16.4 | 12 | 18 | US-10-257-017B-275866 | Sequence 275866, |
| 176 | 11 | 16.4 | 12 | 18 | US-10-257-017B-277290 | Sequence 277290, |
| 177 | 11 | 16.4 | 12 | 18 | US-10-257-017B-287265 | Sequence 287265, |
| c 178 | 11 | 16.4 | 12 | 18 | US-10-257-017B-287785 | Sequence 287785, |
| c 179 | 11 | 16.4 | 12 | 18 | US-10-257-017B-291703 | Sequence 291703, |
| c 180 | 11 | 16.4 | 12 | 18 | US-10-257-017B-293067 | Sequence 293067, |
| 181 | 11 | 16.4 | 12 | 18 | US-10-257-017B-300819 | Sequence 300819, |
| c 182 | 11 | 16.4 | 12 | 18 | US-10-257-017B-301484 | Sequence 301484, |
| c 183 | 11 | 16.4 | 12 | 18 | US-10-257-017B-301490 | Sequence 301490, |
| 184 | 11 | 16.4 | 12 | 18 | US-10-257-017B-302712 | Sequence 302712, |
| 185 | 11 | 16.4 | 12 | 18 | US-10-257-017B-303786 | Sequence 303786, |
| 186 | 11 | 16.4 | 12 | 18 | US-10-257-017B-304048 | Sequence 304048, |
| 187 | 11 | 16.4 | 12 | 18 | US-10-257-017B-308336 | Sequence 308336, |
| c 188 | 11 | 16.4 | 12 | 18 | US-10-257-017B-309610 | Sequence 309610, |
| 189 | 11 | 16.4 | 12 | 18 | US-10-257-017B-312133 | Sequence 312133, |
| 190 | 11 | 16.4 | 12 | 18 | US-10-257-017B-317737 | Sequence 317737, |
| c 191 | 11 | 16.4 | 12 | 18 | US-10-257-017B-324984 | Sequence 324984, |
| 192 | 11 | 16.4 | 12 | 18 | US-10-257-017B-326791 | Sequence 326791, |
| 193 | 11 | 16.4 | 12 | 18 | US-10-257-017B-332128 | Sequence 332128, |
| c 194 | 11 | 16.4 | 12 | 18 | US-10-257-017B-334652 | Sequence 334652, |
| c 195 | 11 | 16.4 | 12 | 18 | US-10-257-017B-336116 | Sequence 336116, |
| c 196 | 11 | 16.4 | 12 | 18 | US-10-257-017B-337612 | Sequence 337612, |
| c 197 | 11 | 16.4 | 12 | 18 | US-10-257-017B-340749 | Sequence 340749, |
| c 198 | 11 | 16.4 | 12 | 18 | US-10-257-017B-342577 | Sequence 342577, |
| 199 | 11 | 16.4 | 12 | 18 | US-10-257-017B-343119 | Sequence 343119, |
| 200 | 11 | 16.4 | 12 | 18 | US-10-257-017B-348885 | Sequence 348885, |
| 201 | 11 | 16.4 | 12 | 18 | US-10-257-017B-349019 | Sequence 349019, |
| 202 | 11 | 16.4 | 12 | 18 | US-10-257-017B-350098 | Sequence 350098, |
| c 203 | 11 | 16.4 | 12 | 18 | US-10-257-017B-351918 | Sequence 351918, |
| 204 | 11 | 16.4 | 12 | 18 | US-10-257-017B-355329 | Sequence 355329, |
| c 205 | 11 | 16.4 | 12 | 18 | US-10-257-017B-358150 | Sequence 358150, |
| c 206 | 11 | 16.4 | 12 | 18 | US-10-257-017B-358667 | Sequence 358667, |
| 207 | 11 | 16.4 | 12 | 18 | US-10-257-017B-365485 | Sequence 365485, |
| 208 | 11 | 16.4 | 12 | 18 | US-10-257-017B-367638 | Sequence 367638, |
| c 209 | 11 | 16.4 | 12 | 18 | US-10-257-017B-369158 | Sequence 369158, |
| c 210 | 11 | 16.4 | 12 | 18 | US-10-257-017B-371725 | Sequence 371725, |
| 211 | 11 | 16.4 | 12 | 18 | US-10-257-017B-371873 | Sequence 371873, |
| c 212 | 11 | 16.4 | 12 | 18 | US-10-257-017B-373444 | Sequence 373444, |
| 213 | 11 | 16.4 | 12 | 18 | US-10-257-017B-373791 | Sequence 373791, |
| 214 | 11 | 16.4 | 12 | 18 | US-10-257-017B-374662 | Sequence 374662, |
| c 215 | 11 | 16.4 | 12 | 18 | US-10-257-017B-377671 | Sequence 377671, |
| c 216 | 11 | 16.4 | 12 | 18 | US-10-257-017B-379558 | Sequence 379558, |
| c 217 | 11 | 16.4 | 12 | 18 | US-10-257-017B-381680 | Sequence 381680, |
| c 218 | 11 | 16.4 | 13 | 18 | US-10-257-017B-791 | Sequence 791, App |
| 219 | 11 | 16.4 | 13 | 18 | US-10-257-017B-792 | Sequence 792, App |
| 220 | 11 | 16.4 | 13 | 18 | US-10-257-017B-3247 | Sequence 3247, Ap |
| c 221 | 11 | 16.4 | 13 | 18 | US-10-257-017B-3248 | Sequence 3248, Ap |
| 222 | 11 | 16.4 | 13 | 18 | US-10-257-017B-4007 | Sequence 4007, Ap |
| c 223 | 11 | 16.4 | 13 | 18 | US-10-257-017B-4008 | Sequence 4008, Ap |
| 224 | 11 | 16.4 | 13 | 18 | US-10-257-017B-7669 | Sequence 7669, Ap |
| c 225 | 11 | 16.4 | 13 | 18 | US-10-257-017B-7670 | Sequence 7670, Ap |

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| c 226 | 11 | 16.4 | 13 | 18 | US-10-257-017B-14873 | Sequence 14873, A |
| 227 | 11 | 16.4 | 13 | 18 | US-10-257-017B-14874 | Sequence 14874, A |
| c 228 | 11 | 16.4 | 13 | 18 | US-10-257-017B-19295 | Sequence 19295, A |
| 229 | 11 | 16.4 | 13 | 18 | US-10-257-017B-19296 | Sequence 19296, A |
| c 230 | 11 | 16.4 | 13 | 18 | US-10-257-017B-23191 | Sequence 23191, A |
| 231 | 11 | 16.4 | 13 | 18 | US-10-257-017B-23192 | Sequence 23192, A |
| c 232 | 11 | 16.4 | 13 | 18 | US-10-257-017B-36131 | Sequence 36131, A |
| 233 | 11 | 16.4 | 13 | 18 | US-10-257-017B-36132 | Sequence 36132, A |
| c 234 | 11 | 16.4 | 13 | 18 | US-10-257-017B-36141 | Sequence 36141, A |
| 235 | 11 | 16.4 | 13 | 18 | US-10-257-017B-36142 | Sequence 36142, A |
| 236 | 11 | 16.4 | 13 | 18 | US-10-257-017B-45445 | Sequence 45445, A |
| c 237 | 11 | 16.4 | 13 | 18 | US-10-257-017B-45446 | Sequence 45446, A |
| c 238 | 11 | 16.4 | 13 | 18 | US-10-257-017B-46289 | Sequence 46289, A |
| 239 | 11 | 16.4 | 13 | 18 | US-10-257-017B-46290 | Sequence 46290, A |
| 240 | 11 | 16.4 | 13 | 18 | US-10-257-017B-49221 | Sequence 49221, A |
| c 241 | 11 | 16.4 | 13 | 18 | US-10-257-017B-49222 | Sequence 49222, A |
| 242 | 11 | 16.4 | 13 | 18 | US-10-257-017B-56809 | Sequence 56809, A |
| c 243 | 11 | 16.4 | 13 | 18 | US-10-257-017B-56810 | Sequence 56810, A |
| c 244 | 11 | 16.4 | 13 | 18 | US-10-257-017B-62477 | Sequence 62477, A |
| 245 | 11 | 16.4 | 13 | 18 | US-10-257-017B-62478 | Sequence 62478, A |
| 246 | 11 | 16.4 | 13 | 18 | US-10-257-017B-66317 | Sequence 66317, A |
| c 247 | 11 | 16.4 | 13 | 18 | US-10-257-017B-66318 | Sequence 66318, A |
| c 248 | 11 | 16.4 | 13 | 18 | US-10-257-017B-66793 | Sequence 66793, A |
| 249 | 11 | 16.4 | 13 | 18 | US-10-257-017B-66794 | Sequence 66794, A |
| c 250 | 11 | 16.4 | 13 | 18 | US-10-257-017B-67883 | Sequence 67883, A |
| 251 | 11 | 16.4 | 13 | 18 | US-10-257-017B-67884 | Sequence 67884, A |
| 252 | 11 | 16.4 | 13 | 18 | US-10-257-017B-71519 | Sequence 71519, A |
| c 253 | 11 | 16.4 | 13 | 18 | US-10-257-017B-71520 | Sequence 71520, A |
| c 254 | 11 | 16.4 | 13 | 18 | US-10-257-017B-87677 | Sequence 87677, A |
| 255 | 11 | 16.4 | 13 | 18 | US-10-257-017B-87678 | Sequence 87678, A |
| c 256 | 11 | 16.4 | 13 | 18 | US-10-257-017B-87681 | Sequence 87681, A |
| 257 | 11 | 16.4 | 13 | 18 | US-10-257-017B-87682 | Sequence 87682, A |
| c 258 | 11 | 16.4 | 13 | 18 | US-10-257-017B-88119 | Sequence 88119, A |
| 259 | 11 | 16.4 | 13 | 18 | US-10-257-017B-88120 | Sequence 88120, A |
| c 260 | 11 | 16.4 | 13 | 18 | US-10-257-017B-92257 | Sequence 92257, A |
| 261 | 11 | 16.4 | 13 | 18 | US-10-257-017B-92258 | Sequence 92258, A |
| c 262 | 11 | 16.4 | 13 | 18 | US-10-257-017B-98399 | Sequence 98399, A |
| 263 | 11 | 16.4 | 13 | 18 | US-10-257-017B-98400 | Sequence 98400, A |
| c 264 | 11 | 16.4 | 13 | 18 | US-10-257-017B-99077 | Sequence 99077, A |
| 265 | 11 | 16.4 | 13 | 18 | US-10-257-017B-99078 | Sequence 99078, A |
| c 266 | 11 | 16.4 | 13 | 18 | US-10-257-017B-105099 | Sequence 105099, |
| 267 | 11 | 16.4 | 13 | 18 | US-10-257-017B-105100 | Sequence 105100, |
| 268 | 11 | 16.4 | 13 | 18 | US-10-257-017B-107565 | Sequence 107565, |
| c 269 | 11 | 16.4 | 13 | 18 | US-10-257-017B-107566 | Sequence 107566, |
| 270 | 11 | 16.4 | 13 | 18 | US-10-257-017B-108987 | Sequence 108987, |
| c 271 | 11 | 16.4 | 13 | 18 | US-10-257-017B-108988 | Sequence 108988, |
| 272 | 11 | 16.4 | 13 | 18 | US-10-257-017B-109769 | Sequence 109769, |
| c 273 | 11 | 16.4 | 13 | 18 | US-10-257-017B-109770 | Sequence 109770, |
| 274 | 11 | 16.4 | 13 | 18 | US-10-257-017B-110535 | Sequence 110535, |
| c 275 | 11 | 16.4 | 13 | 18 | US-10-257-017B-110536 | Sequence 110536, |
| c 276 | 11 | 16.4 | 13 | 18 | US-10-257-017B-114409 | Sequence 114409, |
| 277 | 11 | 16.4 | 13 | 18 | US-10-257-017B-114410 | Sequence 114410, |
| 278 | 11 | 16.4 | 13 | 18 | US-10-257-017B-115935 | Sequence 115935, |
| c 279 | 11 | 16.4 | 13 | 18 | US-10-257-017B-115936 | Sequence 115936, |
| c 280 | 11 | 16.4 | 13 | 18 | US-10-257-017B-122411 | Sequence 122411, |
| 281 | 11 | 16.4 | 13 | 18 | US-10-257-017B-122412 | Sequence 122412, |
| 282 | 11 | 16.4 | 13 | 18 | US-10-257-017B-126975 | Sequence 126975, |

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| c 283 | 11 | 16.4 | 13 | 18 | US-10-257-017B-126976 | Sequence 126976, |
| c 284 | 11 | 16.4 | 13 | 18 | US-10-257-017B-136669 | Sequence 136669, |
| 285 | 11 | 16.4 | 13 | 18 | US-10-257-017B-136670 | Sequence 136670, |
| c 286 | 11 | 16.4 | 13 | 18 | US-10-257-017B-144549 | Sequence 144549, |
| 287 | 11 | 16.4 | 13 | 18 | US-10-257-017B-144550 | Sequence 144550, |
| c 288 | 11 | 16.4 | 13 | 18 | US-10-257-017B-145743 | Sequence 145743, |
| 289 | 11 | 16.4 | 13 | 18 | US-10-257-017B-145744 | Sequence 145744, |
| 290 | 11 | 16.4 | 13 | 18 | US-10-257-017B-146373 | Sequence 146373, |
| c 291 | 11 | 16.4 | 13 | 18 | US-10-257-017B-146374 | Sequence 146374, |
| c 292 | 11 | 16.4 | 13 | 18 | US-10-257-017B-147249 | Sequence 147249, |
| 293 | 11 | 16.4 | 13 | 18 | US-10-257-017B-147250 | Sequence 147250, |
| c 294 | 11 | 16.4 | 13 | 18 | US-10-257-017B-147253 | Sequence 147253, |
| 295 | 11 | 16.4 | 13 | 18 | US-10-257-017B-147254 | Sequence 147254, |
| c 296 | 11 | 16.4 | 13 | 18 | US-10-257-017B-147921 | Sequence 147921, |
| 297 | 11 | 16.4 | 13 | 18 | US-10-257-017B-147922 | Sequence 147922, |
| c 298 | 11 | 16.4 | 13 | 18 | US-10-257-017B-148255 | Sequence 148255, |
| 299 | 11 | 16.4 | 13 | 18 | US-10-257-017B-148256 | Sequence 148256, |
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| c 301 | 11 | 16.4 | 13 | 18 | US-10-257-017B-158780 | Sequence 158780, |
| c 302 | 11 | 16.4 | 13 | 18 | US-10-257-017B-159193 | Sequence 159193, |
| 303 | 11 | 16.4 | 13 | 18 | US-10-257-017B-159194 | Sequence 159194, |
| c 304 | 11 | 16.4 | 13 | 18 | US-10-257-017B-173971 | Sequence 173971, |
| 305 | 11 | 16.4 | 13 | 18 | US-10-257-017B-173972 | Sequence 173972, |
| 306 | 11 | 16.4 | 13 | 18 | US-10-257-017B-191633 | Sequence 191633, |
| c 307 | 11 | 16.4 | 13 | 18 | US-10-257-017B-191634 | Sequence 191634, |
| c 308 | 11 | 16.4 | 13 | 18 | US-10-257-017B-194077 | Sequence 194077, |
| 309 | 11 | 16.4 | 13 | 18 | US-10-257-017B-194078 | Sequence 194078, |
| c 310 | 11 | 16.4 | 13 | 18 | US-10-257-017B-195523 | Sequence 195523, |
| 311 | 11 | 16.4 | 13 | 18 | US-10-257-017B-195524 | Sequence 195524, |
| c 312 | 11 | 16.4 | 13 | 18 | US-10-257-017B-198295 | Sequence 198295, |
| 313 | 11 | 16.4 | 13 | 18 | US-10-257-017B-198296 | Sequence 198296, |
| 314 | 11 | 16.4 | 13 | 18 | US-10-257-017B-199605 | Sequence 199605, |
| c 315 | 11 | 16.4 | 13 | 18 | US-10-257-017B-199606 | Sequence 199606, |
| c 316 | 11 | 16.4 | 13 | 18 | US-10-257-017B-202957 | Sequence 202957, |
| 317 | 11 | 16.4 | 13 | 18 | US-10-257-017B-202958 | Sequence 202958, |
| c 318 | 11 | 16.4 | 13 | 18 | US-10-257-017B-214941 | Sequence 214941, |
| 319 | 11 | 16.4 | 13 | 18 | US-10-257-017B-214942 | Sequence 214942, |
| 320 | 11 | 16.4 | 13 | 18 | US-10-257-017B-219041 | Sequence 219041, |
| c 321 | 11 | 16.4 | 13 | 18 | US-10-257-017B-219042 | Sequence 219042, |
| c 322 | 11 | 16.4 | 13 | 18 | US-10-257-017B-227521 | Sequence 227521, |
| 323 | 11 | 16.4 | 13 | 18 | US-10-257-017B-227522 | Sequence 227522, |
| 324 | 11 | 16.4 | 13 | 18 | US-10-257-017B-231901 | Sequence 231901, |
| c 325 | 11 | 16.4 | 13 | 18 | US-10-257-017B-231902 | Sequence 231902, |
| 326 | 11 | 16.4 | 13 | 18 | US-10-257-017B-233813 | Sequence 233813, |
| c 327 | 11 | 16.4 | 13 | 18 | US-10-257-017B-233814 | Sequence 233814, |
| 328 | 11 | 16.4 | 13 | 18 | US-10-257-017B-244993 | Sequence 244993, |
| c 329 | 11 | 16.4 | 13 | 18 | US-10-257-017B-244994 | Sequence 244994, |
| c 330 | 11 | 16.4 | 13 | 18 | US-10-257-017B-245017 | Sequence 245017, |
| 331 | 11 | 16.4 | 13 | 18 | US-10-257-017B-245018 | Sequence 245018, |
| 332 | 11 | 16.4 | 13 | 18 | US-10-257-017B-246139 | Sequence 246139, |
| c 333 | 11 | 16.4 | 13 | 18 | US-10-257-017B-246140 | Sequence 246140, |
| c 334 | 11 | 16.4 | 13 | 18 | US-10-257-017B-247765 | Sequence 247765, |
| 335 | 11 | 16.4 | 13 | 18 | US-10-257-017B-247766 | Sequence 247766, |
| c 336 | 11 | 16.4 | 13 | 18 | US-10-257-017B-248467 | Sequence 248467, |
| 337 | 11 | 16.4 | 13 | 18 | US-10-257-017B-248468 | Sequence 248468, |
| 338 | 11 | 16.4 | 13 | 18 | US-10-257-017B-257079 | Sequence 257079, |
| c 339 | 11 | 16.4 | 13 | 18 | US-10-257-017B-257080 | Sequence 257080, |

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| 340 | 11 | 16.4 | 13 | 18 | US-10-257-017B-262203 | Sequence 262203, |
| c 341 | 11 | 16.4 | 13 | 18 | US-10-257-017B-262204 | Sequence 262204, |
| c 342 | 11 | 16.4 | 15 | 14 | US-10-287-919-630 | Sequence 630, App |
| c 343 | 11 | 16.4 | 15 | 14 | US-10-287-919-1623 | Sequence 1623, Ap |
| 344 | 11 | 16.4 | 15 | 14 | US-10-287-919-1624 | Sequence 1624, Ap |
| c 345 | 11 | 16.4 | 16 | 15 | US-10-108-164-51 | Sequence 51, Appl |
| 346 | 11 | 16.4 | 16 | 15 | US-10-108-164-96 | Sequence 96, Appl |
| c 347 | 11 | 16.4 | 16 | 17 | US-10-344-124-15 | Sequence 15, Appl |
| 348 | 11 | 16.4 | 17 | 10 | US-09-780-533A-193 | Sequence 193, App |
| 349 | 11 | 16.4 | 17 | 10 | US-09-780-533A-194 | Sequence 194, App |
| 350 | 11 | 16.4 | 17 | 10 | US-09-780-533A-195 | Sequence 195, App |
| 351 | 11 | 16.4 | 17 | 10 | US-09-780-533A-1900 | Sequence 1900, Ap |
| 352 | 11 | 16.4 | 17 | 10 | US-09-780-533A-2155 | Sequence 2155, Ap |
| 353 | 11 | 16.4 | 17 | 10 | US-09-927-046-764 | Sequence 764, App |
| 354 | 11 | 16.4 | 17 | 10 | US-09-927-046-1489 | Sequence 1489, Ap |
| 355 | 11 | 16.4 | 17 | 10 | US-09-927-046-1698 | Sequence 1698, Ap |
| 356 | 11 | 16.4 | 17 | 14 | US-10-287-919-629 | Sequence 629, App |
| 357 | 11 | 16.4 | 17 | 14 | US-10-287-919-1847 | Sequence 1847, Ap |
| 358 | 11 | 16.4 | 17 | 15 | US-10-238-700-920 | Sequence 920, App |
| 359 | 11 | 16.4 | 17 | 15 | US-10-238-700-921 | Sequence 921, App |
| 360 | 11 | 16.4 | 17 | 15 | US-10-238-700-922 | Sequence 922, App |
| 361 | 11 | 16.4 | 17 | 15 | US-10-339-793-423 | Sequence 423, App |
| 362 | 11 | 16.4 | 19 | 15 | US-10-059-273-9 | Sequence 9, Appli |
| 363 | 11 | 16.4 | 19 | 16 | US-10-349-143-4231 | Sequence 4231, Ap |
| c 364 | 11 | 16.4 | 19 | 16 | US-10-349-143-8800 | Sequence 8800, Ap |
| 365 | 11 | 16.4 | 19 | 17 | US-10-376-770-178 | Sequence 178, App |
| 366 | 11 | 16.4 | 19 | 17 | US-10-661-165-178 | Sequence 178, App |
| c 367 | 11 | 16.4 | 20 | 10 | US-09-952-522B-12 | Sequence 12, Appl |
| 368 | 11 | 16.4 | 20 | 10 | US-09-741-744A-26 | Sequence 26, Appl |
| 369 | 11 | 16.4 | 20 | 10 | US-09-954-679-12 | Sequence 12, Appl |
| 370 | 11 | 16.4 | 20 | 15 | US-10-371-474-36 | Sequence 36, Appl |
| 371 | 11 | 16.4 | 20 | 15 | US-10-160-632-24 | Sequence 24, Appl |
| 372 | 11 | 16.4 | 20 | 16 | US-10-349-143-4836 | Sequence 4836, Ap |
| c 373 | 11 | 16.4 | 20 | 16 | US-10-289-762-4209 | Sequence 4209, Ap |
| c 374 | 11 | 16.4 | 20 | 16 | US-10-298-994-119 | Sequence 119, App |
| 375 | 11 | 16.4 | 20 | 17 | US-10-304-126-79 | Sequence 79, Appl |
| 376 | 11 | 16.4 | 20 | 17 | US-10-688-706-2203 | Sequence 2203, Ap |
| 377 | 11 | 16.4 | 20 | 17 | US-10-688-706-2337 | Sequence 2337, Ap |
| 378 | 11 | 16.4 | 20 | 17 | US-10-688-706-2352 | Sequence 2352, Ap |
| 379 | 11 | 16.4 | 20 | 17 | US-10-688-706-2438 | Sequence 2438, Ap |
| 380 | 11 | 16.4 | 20 | 17 | US-10-688-706-2450 | Sequence 2450, Ap |
| 381 | 11 | 16.4 | 20 | 17 | US-10-688-706-2477 | Sequence 2477, Ap |
| 382 | 11 | 16.4 | 20 | 17 | US-10-688-706-2573 | Sequence 2573, Ap |
| 383 | 11 | 16.4 | 20 | 17 | US-10-688-706-2627 | Sequence 2627, Ap |
| 384 | 11 | 16.4 | 20 | 17 | US-10-688-706-2960 | Sequence 2960, Ap |
| 385 | 11 | 16.4 | 20 | 17 | US-10-688-706-2983 | Sequence 2983, Ap |
| 386 | 11 | 16.4 | 20 | 17 | US-10-316-242-44 | Sequence 44, Appl |
| c 387 | 11 | 16.4 | 20 | 17 | US-10-182-644A-2 | Sequence 2, Appli |
| 388 | 11 | 16.4 | 20 | 17 | US-10-619-739-33 | Sequence 33, Appl |
| 389 | 11 | 16.4 | 20 | 18 | US-10-659-473-51 | Sequence 51, Appl |
| 390 | 11 | 16.4 | 20 | 18 | US-10-659-473-52 | Sequence 52, Appl |
| 391 | 11 | 16.4 | 20 | 18 | US-10-719-370A-79 | Sequence 79, Appl |
| c 392 | 11 | 16.4 | 20 | 18 | US-10-746-547-104 | Sequence 104, App |
| 393 | 11 | 16.4 | 20 | 18 | US-10-788-232-26 | Sequence 26, Appl |
| 394 | 11 | 16.4 | 20 | 18 | US-10-824-782-26 | Sequence 26, Appl |
| c 395 | 11 | 16.4 | 20 | 18 | US-10-470-784-10 | Sequence 10, Appl |
| 396 | 11 | 16.4 | 21 | 9 | US-09-992-901-11 | Sequence 11, Appl |

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| c 397 | 11 | 16.4 | 21 | 10 | US-09-229-751A-2 | Sequence 2, Appli |
| 398 | 11 | 16.4 | 21 | 16 | US-10-349-143-9137 | Sequence 9137, Ap |
| c 399 | 11 | 16.4 | 21 | 16 | US-10-349-143-9201 | Sequence 9201, Ap |
| c 400 | 11 | 16.4 | 21 | 17 | US-10-128-520-235 | Sequence 235, App |
| c 401 | 11 | 16.4 | 21 | 18 | US-10-786-720-3216 | Sequence 3216, Ap |
| c 402 | 11 | 16.4 | 22 | 9 | US-09-961-663-8 | Sequence 8, Appli |
| c 403 | 11 | 16.4 | 22 | 9 | US-09-961-663-9 | Sequence 9, Appli |
| c 404 | 11 | 16.4 | 23 | 10 | US-09-925-547A-21 | Sequence 21, Appl |
| c 405 | 11 | 16.4 | 24 | 9 | US-09-426-548-140 | Sequence 140, App |
| 406 | 11 | 16.4 | 24 | 9 | US-09-881-012-202 | Sequence 202, App |
| 407 | 11 | 16.4 | 24 | 12 | US-09-881-012-202 | Sequence 202, App |
| c 408 | 11 | 16.4 | 24 | 15 | US-10-311-946-6 | Sequence 6, Appli |
| 409 | 11 | 16.4 | 24 | 15 | US-10-311-946-7 | Sequence 7, Appli |
| 410 | 11 | 16.4 | 24 | 16 | US-10-619-685-12 | Sequence 12, Appl |
| 411 | 11 | 16.4 | 25 | 15 | US-10-098-263B-3606 | Sequence 3606, Ap |
| 412 | 11 | 16.4 | 25 | 15 | US-10-098-263B-12201 | Sequence 12201, A |
| 413 | 11 | 16.4 | 25 | 15 | US-10-098-263B-12202 | Sequence 12202, A |
| c 414 | 11 | 16.4 | 25 | 15 | US-10-098-263B-15159 | Sequence 15159, A |
| c 415 | 11 | 16.4 | 25 | 15 | US-10-098-263B-15160 | Sequence 15160, A |
| 416 | 11 | 16.4 | 25 | 15 | US-10-098-263B-17171 | Sequence 17171, A |
| c 417 | 11 | 16.4 | 25 | 15 | US-10-098-263B-19034 | Sequence 19034, A |
| 418 | 11 | 16.4 | 25 | 15 | US-10-098-263B-21739 | Sequence 21739, A |
| 419 | 11 | 16.4 | 25 | 15 | US-10-098-263B-25051 | Sequence 25051, A |
| 420 | 11 | 16.4 | 25 | 15 | US-10-098-263B-25052 | Sequence 25052, A |
| c 421 | 11 | 16.4 | 25 | 15 | US-10-098-263B-28929 | Sequence 28929, A |
| c 422 | 11 | 16.4 | 25 | 15 | US-10-098-263B-28930 | Sequence 28930, A |
| c 423 | 11 | 16.4 | 25 | 15 | US-10-098-263B-30168 | Sequence 30168, A |
| c 424 | 11 | 16.4 | 25 | 15 | US-10-098-263B-30798 | Sequence 30798, A |
| 425 | 11 | 16.4 | 25 | 15 | US-10-098-263B-33793 | Sequence 33793, A |
| 426 | 11 | 16.4 | 25 | 15 | US-10-098-263B-40708 | Sequence 40708, A |
| 427 | 11 | 16.4 | 25 | 15 | US-10-098-263B-41310 | Sequence 41310, A |
| 428 | 11 | 16.4 | 25 | 15 | US-10-098-263B-45259 | Sequence 45259, A |
| 429 | 11 | 16.4 | 25 | 15 | US-10-098-263B-47717 | Sequence 47717, A |
| c 430 | 11 | 16.4 | 25 | 15 | US-10-098-263B-48172 | Sequence 48172, A |
| c 431 | 11 | 16.4 | 25 | 15 | US-10-098-263B-63133 | Sequence 63133, A |
| c 432 | 11 | 16.4 | 25 | 15 | US-10-098-263B-72369 | Sequence 72369, A |
| c 433 | 11 | 16.4 | 25 | 15 | US-10-098-263B-76180 | Sequence 76180, A |
| 434 | 11 | 16.4 | 25 | 15 | US-10-098-263B-79447 | Sequence 79447, A |
| 435 | 11 | 16.4 | 25 | 15 | US-10-098-263B-89435 | Sequence 89435, A |
| 436 | 11 | 16.4 | 25 | 15 | US-10-098-263B-89436 | Sequence 89436, A |
| 437 | 11 | 16.4 | 25 | 15 | US-10-098-263B-98678 | Sequence 98678, A |
| c 438 | 11 | 16.4 | 25 | 15 | US-10-098-263B-102779 | Sequence 102779, |
| c 439 | 11 | 16.4 | 25 | 15 | US-10-098-263B-102780 | Sequence 102780, |
| 440 | 11 | 16.4 | 25 | 15 | US-10-098-263B-113597 | Sequence 113597, |
| 441 | 11 | 16.4 | 25 | 15 | US-10-098-263B-122058 | Sequence 122058, |
| c 442 | 11 | 16.4 | 25 | 15 | US-10-098-263B-122930 | Sequence 122930, |
| c 443 | 11 | 16.4 | 25 | 15 | US-10-098-263B-125857 | Sequence 125857, |
| c 444 | 11 | 16.4 | 25 | 15 | US-10-098-263B-126493 | Sequence 126493, |
| c 445 | 11 | 16.4 | 25 | 15 | US-10-291-336-1 | Sequence 1, Appli |
| 446 | 11 | 16.4 | 25 | 15 | US-10-364-839-16 | Sequence 16, Appl |
| c 447 | 11 | 16.4 | 25 | 15 | US-10-369-214-118 | Sequence 118, App |
| 448 | 11 | 16.4 | 25 | 15 | US-10-310-734-125 | Sequence 125, App |
| 449 | 11 | 16.4 | 25 | 16 | US-10-349-143-11239 | Sequence 11239, A |
| c 450 | 11 | 16.4 | 25 | 16 | US-10-386-778-12 | Sequence 12, Appl |
| c 451 | 11 | 16.4 | 25 | 16 | US-10-387-314-1 | Sequence 1, Appli |
| c 452 | 11 | 16.4 | 25 | 17 | US-10-717-597-3711 | Sequence 3711, Ap |
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| c 454 | 11 | 16.4 | 26 | 9 | US-09-893-238-85 | Sequence 85, Appl |
| c 455 | 11 | 16.4 | 26 | 16 | US-10-161-493-229 | Sequence 229, App |
| 456 | 11 | 16.4 | 26 | 16 | US-10-210-281-171 | Sequence 171, App |
| 457 | 11 | 16.4 | 27 | 9 | US-09-949-145-75 | Sequence 75, Appl |
| c 458 | 11 | 16.4 | 27 | 10 | US-09-754-853A-24 | Sequence 24, Appl |
| 459 | 11 | 16.4 | 27 | 11 | US-09-939-853A-113 | Sequence 113, App |
| 460 | 11 | 16.4 | 27 | 11 | US-09-939-853A-115 | Sequence 115, App |
| c 461 | 11 | 16.4 | 28 | 10 | US-09-860-474-238 | Sequence 238, App |
| c 462 | 11 | 16.4 | 28 | 10 | US-09-851-486-2 | Sequence 2, Appli |
| c 463 | 11 | 16.4 | 28 | 15 | US-10-409-565-238 | Sequence 238, App |
| c 464 | 11 | 16.4 | 28 | 15 | US-10-223-666-91 | Sequence 91, Appl |
| c 465 | 11 | 16.4 | 28 | 18 | US-10-483-920-11 | Sequence 11, Appl |
| c 466 | 11 | 16.4 | 29 | 13 | US-10-094-146-17 | Sequence 17, Appl |
| 467 | 11 | 16.4 | 30 | 15 | US-10-194-985-20 | Sequence 20, Appl |
| c 468 | 11 | 16.4 | 30 | 16 | US-10-296-242-4 | Sequence 4, Appli |
| 469 | 11 | 16.4 | 31 | 14 | US-10-287-919-994 | Sequence 994, App |
| c 470 | 11 | 16.4 | 32 | 18 | US-10-781-362-21 | Sequence 21, Appl |
| c 471 | 11 | 16.4 | 32 | 18 | US-10-781-362-23 | Sequence 23, Appl |
| c 472 | 11 | 16.4 | 32 | 18 | US-10-781-362-28 | Sequence 28, Appl |
| 473 | 11 | 16.4 | 33 | 16 | US-10-383-630-18 | Sequence 18, Appl |
| c 474 | 11 | 16.4 | 33 | 17 | US-10-128-520-267 | Sequence 267, App |
| c 475 | 11 | 16.4 | 33 | 18 | US-10-804-408-121 | Sequence 121, App |
| c 476 | 11 | 16.4 | 34 | 13 | US-10-006-009-29 | Sequence 29, Appl |
| 477 | 11 | 16.4 | 34 | 16 | US-10-350-696-25 | Sequence 25, Appl |
| 478 | 11 | 16.4 | 34 | 18 | US-10-817-607-48 | Sequence 48, Appl |
| 479 | 11 | 16.4 | 36 | 14 | US-10-134-021-10 | Sequence 10, Appl |
| 480 | 11 | 16.4 | 36 | 16 | US-10-360-101-33 | Sequence 33, Appl |
| c 481 | 11 | 16.4 | 36 | 17 | US-10-128-520-233 | Sequence 233, App |
| c 482 | 11 | 16.4 | 36 | 17 | US-10-128-520-243 | Sequence 243, App |
| c 483 | 11 | 16.4 | 36 | 17 | US-10-128-520-248 | Sequence 248, App |
| 484 | 11 | 16.4 | 36 | 18 | US-10-864-012-10 | Sequence 10, Appl |
| c 485 | 11 | 16.4 | 37 | 10 | US-09-780-164-1811 | Sequence 1811, Ap |
| c 486 | 11 | 16.4 | 38 | 10 | US-09-851-871-20 | Sequence 20, Appl |
| 487 | 11 | 16.4 | 38 | 14 | US-10-134-021-16 | Sequence 16, Appl |
| c 488 | 11 | 16.4 | 38 | 16 | US-10-383-630-4 | Sequence 4, Appli |
| c 489 | 11 | 16.4 | 38 | 16 | US-10-444-206-20 | Sequence 20, Appl |
| 490 | 11 | 16.4 | 38 | 18 | US-10-864-012-16 | Sequence 16, Appl |
| c 491 | 11 | 16.4 | 38 | 18 | US-10-641-962-20 | Sequence 20, Appl |
| c 492 | 11 | 16.4 | 41 | 16 | US-10-035-833A-1024 | Sequence 1024, Ap |
| c 493 | 11 | 16.4 | 41 | 16 | US-10-035-833A-2161 | Sequence 2161, Ap |
| 494 | 11 | 16.4 | 41 | 16 | US-10-035-833A-2663 | Sequence 2663, Ap |
| 495 | 11 | 16.4 | 41 | 16 | US-10-035-833A-2903 | Sequence 2903, Ap |
| c 496 | 11 | 16.4 | 41 | 16 | US-10-035-833A-2969 | Sequence 2969, Ap |
| c 497 | 11 | 16.4 | 41 | 16 | US-10-035-833A-3378 | Sequence 3378, Ap |
| c 498 | 11 | 16.4 | 41 | 16 | US-10-035-833A-3589 | Sequence 3589, Ap |
| 499 | 11 | 16.4 | 41 | 16 | US-10-035-833A-5067 | Sequence 5067, Ap |
| c 500 | 11 | 16.4 | 41 | 16 | US-10-035-833A-5132 | Sequence 5132, Ap |
| 501 | 11 | 16.4 | 41 | 16 | US-10-035-833A-6271 | Sequence 6271, Ap |
| c 502 | 11 | 16.4 | 42 | 15 | US-10-331-061-59 | Sequence 59, Appl |
| c 503 | 11 | 16.4 | 43 | 15 | US-10-032-585-838 | Sequence 838, App |
| 504 | 11 | 16.4 | 43 | 15 | US-10-032-585-1880 | Sequence 1880, Ap |
| c 505 | 11 | 16.4 | 43 | 17 | US-10-373-612A-12 | Sequence 12, Appl |
| c 506 | 11 | 16.4 | 43 | 17 | US-10-373-612A-14 | Sequence 14, Appl |
| 507 | 11 | 16.4 | 44 | 15 | US-10-142-283-63 | Sequence 63, Appl |
| 508 | 11 | 16.4 | 44 | 15 | US-10-142-283-98 | Sequence 98, Appl |
| 509 | 11 | 16.4 | 45 | 17 | US-10-606-133-9 | Sequence 9, Appli |
| c 510 | 11 | 16.4 | 45 | 17 | US-10-606-133-17 | Sequence 17, Appl |

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| 511 | 11 | 16.4 | 45 | 18 | US-10-851-383-142 | Sequence 142, App |
| c 512 | 11 | 16.4 | 45 | 18 | US-10-851-383-256 | Sequence 256, App |
| 513 | 11 | 16.4 | 46 | 10 | US-09-916-963-17 | Sequence 17, Appl |
| 514 | 11 | 16.4 | 46 | 10 | US-09-951-061A-17 | Sequence 17, Appl |
| 515 | 11 | 16.4 | 46 | 15 | US-10-267-384-17 | Sequence 17, Appl |
| 516 | 11 | 16.4 | 46 | 15 | US-10-441-788-17 | Sequence 17, Appl |
| 517 | 11 | 16.4 | 47 | 16 | US-10-349-143-1287 | Sequence 1287, Ap |
| 518 | 11 | 16.4 | 47 | 16 | US-10-349-143-3666 | Sequence 3666, Ap |
| c 519 | 11 | 16.4 | 47 | 16 | US-10-333-429-63 | Sequence 63, Appl |
| c 520 | 11 | 16.4 | 50 | 9 | US-09-783-590-2759 | Sequence 2759, Ap |
| c 521 | 11 | 16.4 | 50 | 14 | US-10-112-612-69 | Sequence 69, Appl |
| c 522 | 11 | 16.4 | 50 | 15 | US-10-112-691-69 | Sequence 69, Appl |
| 523 | 11 | 16.4 | 50 | 16 | US-10-131-827-43 | Sequence 43, Appl |
| c 524 | 11 | 16.4 | 50 | 16 | US-10-131-827-396 | Sequence 396, App |
| c 525 | 11 | 16.4 | 50 | 16 | US-10-131-827-409 | Sequence 409, App |
| 526 | 11 | 16.4 | 50 | 16 | US-10-131-827-2974 | Sequence 2974, Ap |
| 527 | 11 | 16.4 | 50 | 16 | US-10-131-827-4539 | Sequence 4539, Ap |
| 528 | 11 | 16.4 | 50 | 16 | US-10-131-827-5420 | Sequence 5420, Ap |
| 529 | 11 | 16.4 | 50 | 16 | US-10-131-827-5482 | Sequence 5482, Ap |
| 530 | 11 | 16.4 | 50 | 16 | US-10-131-827-7386 | Sequence 7386, Ap |
| c 531 | 11 | 16.4 | 50 | 16 | US-10-131-827-7758 | Sequence 7758, Ap |
| c 532 | 11 | 16.4 | 50 | 16 | US-10-062-188-230 | Sequence 230, App |
| 533 | 11 | 16.4 | 50 | 18 | US-10-770-538-217 | Sequence 217, App |
| 534 | 11 | 16.4 | 51 | 9 | US-09-923-876-166 | Sequence 166, App |
| 535 | 11 | 16.4 | 51 | 10 | US-09-923-876-166 | Sequence 166, App |
| c 536 | 11 | 16.4 | 51 | 13 | US-10-027-632-178317 | Sequence 178317, |
| c 537 | 11 | 16.4 | 51 | 13 | US-10-027-632-178332 | Sequence 178332, |
| c 538 | 11 | 16.4 | 51 | 13 | US-10-027-632-178347 | Sequence 178347, |
| c 539 | 11 | 16.4 | 51 | 15 | US-10-027-632-178317 | Sequence 178317, |
| c 540 | 11 | 16.4 | 51 | 15 | US-10-027-632-178332 | Sequence 178332, |
| c 541 | 11 | 16.4 | 51 | 15 | US-10-027-632-178347 | Sequence 178347, |
| 542 | 11 | 16.4 | 51 | 16 | US-10-035-833A-2506 | Sequence 2506, Ap |
| 543 | 11 | 16.4 | 51 | 16 | US-10-035-833A-4902 | Sequence 4902, Ap |
| c 544 | 11 | 16.4 | 51 | 17 | US-10-128-520-237 | Sequence 237, App |
| c 545 | 11 | 16.4 | 51 | 18 | US-10-813-638-351 | Sequence 351, App |
| c 546 | 11 | 16.4 | 51 | 18 | US-10-813-638-471 | Sequence 471, App |
| c 547 | 11 | 16.4 | 51 | 18 | US-10-813-638-472 | Sequence 472, App |
| 548 | 11 | 16.4 | 54 | 8 | US-08-781-986A-5031 | Sequence 5031, Ap |
| 549 | 11 | 16.4 | 54 | 8 | US-08-781-986A-5042 | Sequence 5042, Ap |
| 550 | 11 | 16.4 | 54 | 16 | US-10-329-624-5031 | Sequence 5031, Ap |
| 551 | 11 | 16.4 | 54 | 16 | US-10-329-624-5042 | Sequence 5042, Ap |
| c 552 | 11 | 16.4 | 57 | 8 | US-08-781-986A-2433 | Sequence 2433, Ap |
| c 553 | 11 | 16.4 | 57 | 16 | US-10-329-624-2433 | Sequence 2433, Ap |
| c 554 | 11 | 16.4 | 58 | 8 | US-08-781-986A-4977 | Sequence 4977, Ap |
| c 555 | 11 | 16.4 | 58 | 16 | US-10-329-624-4977 | Sequence 4977, Ap |
| c 556 | 11 | 16.4 | 59 | 8 | US-08-781-986A-3525 | Sequence 3525, Ap |
| c 557 | 11 | 16.4 | 59 | 16 | US-10-329-624-3525 | Sequence 3525, Ap |
| c 558 | 11 | 16.4 | 60 | 9 | US-09-983-965-148 | Sequence 148, App |
| 559 | 11 | 16.4 | 60 | 10 | US-09-908-975-10458 | Sequence 10458, A |
| c 560 | 11 | 16.4 | 60 | 10 | US-09-908-975-13147 | Sequence 13147, A |
| c 561 | 11 | 16.4 | 60 | 10 | US-09-908-975-16170 | Sequence 16170, A |
| c 562 | 11 | 16.4 | 60 | 10 | US-09-908-975-19721 | Sequence 19721, A |
| 563 | 11 | 16.4 | 60 | 10 | US-09-908-975-31915 | Sequence 31915, A |
| c 564 | 11 | 16.4 | 60 | 18 | US-10-465-588A-1 | Sequence 1, Appli |
| c 565 | 11 | 16.4 | 61 | 15 | US-10-199-820-68 | Sequence 68, Appl |
| c 566 | 11 | 16.4 | 63 | 18 | US-10-781-362-25 | Sequence 25, Appl |
| c 567 | 11 | 16.4 | 63 | 18 | US-10-781-362-26 | Sequence 26, Appl |

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| 568 | 11 | 16.4 | 64 | 13 | US-10-027-632-58474 | Sequence 58474, A |
| 569 | 11 | 16.4 | 64 | 15 | US-10-027-632-58474 | Sequence 58474, A |
| 570 | 11 | 16.4 | 65 | 10 | US-09-908-975-1728 | Sequence 1728, Ap |
| 571 | 11 | 16.4 | 65 | 10 | US-09-908-975-2969 | Sequence 2969, Ap |
| 572 | 11 | 16.4 | 65 | 10 | US-09-908-975-25544 | Sequence 25544, A |
| 573 | 11 | 16.4 | 65 | 10 | US-09-908-975-30109 | Sequence 30109, A |
| c 574 | 11 | 16.4 | 65 | 15 | US-10-032-585-464 | Sequence 464, App |
| 575 | 11 | 16.4 | 65 | 15 | US-10-032-585-586 | Sequence 586, App |
| c 576 | 11 | 16.4 | 65 | 15 | US-10-032-585-1010 | Sequence 1010, Ap |
| 577 | 11 | 16.4 | 65 | 15 | US-10-032-585-1250 | Sequence 1250, Ap |
| c 578 | 11 | 16.4 | 65 | 15 | US-10-032-585-1380 | Sequence 1380, Ap |
| c 579 | 11 | 16.4 | 65 | 15 | US-10-032-585-1434 | Sequence 1434, Ap |
| c 580 | 11 | 16.4 | 65 | 15 | US-10-032-585-1601 | Sequence 1601, Ap |
| 581 | 11 | 16.4 | 65 | 15 | US-10-032-585-2154 | Sequence 2154, Ap |
| 582 | 11 | 16.4 | 65 | 15 | US-10-032-585-2278 | Sequence 2278, Ap |
| c 583 | 11 | 16.4 | 65 | 15 | US-10-032-585-2427 | Sequence 2427, Ap |
| c 584 | 11 | 16.4 | 65 | 15 | US-10-032-585-2470 | Sequence 2470, Ap |
| 585 | 11 | 16.4 | 65 | 15 | US-10-032-585-2476 | Sequence 2476, Ap |
| c 586 | 11 | 16.4 | 65 | 15 | US-10-032-585-2879 | Sequence 2879, Ap |
| 587 | 11 | 16.4 | 65 | 15 | US-10-032-585-2924 | Sequence 2924, Ap |
| 588 | 11 | 16.4 | 65 | 15 | US-10-032-585-3021 | Sequence 3021, Ap |
| c 589 | 11 | 16.4 | 66 | 10 | US-09-916-963-18 | Sequence 18, Appl |
| 590 | 11 | 16.4 | 66 | 13 | US-10-027-632-52443 | Sequence 52443, A |
| 591 | 11 | 16.4 | 66 | 13 | US-10-027-632-52451 | Sequence 52451, A |
| 592 | 11 | 16.4 | 66 | 13 | US-10-027-632-52459 | Sequence 52459, A |
| 593 | 11 | 16.4 | 66 | 13 | US-10-027-632-52466 | Sequence 52466, A |
| c 594 | 11 | 16.4 | 66 | 15 | US-10-142-283-66 | Sequence 66, Appl |
| c 595 | 11 | 16.4 | 66 | 15 | US-10-142-283-67 | Sequence 67, Appl |
| c 596 | 11 | 16.4 | 66 | 15 | US-10-142-283-101 | Sequence 101, App |
| c 597 | 11 | 16.4 | 66 | 15 | US-10-142-283-102 | Sequence 102, App |
| 598 | 11 | 16.4 | 66 | 15 | US-10-027-632-52443 | Sequence 52443, A |
| 599 | 11 | 16.4 | 66 | 15 | US-10-027-632-52451 | Sequence 52451, A |
| 600 | 11 | 16.4 | 66 | 15 | US-10-027-632-52459 | Sequence 52459, A |
| 601 | 11 | 16.4 | 66 | 15 | US-10-027-632-52466 | Sequence 52466, A |
| c 602 | 11 | 16.4 | 67 | 10 | US-09-912-072-40 | Sequence 40, Appl |
| 603 | 11 | 16.4 | 68 | 8 | US-08-781-986A-4952 | Sequence 4952, Ap |
| c 604 | 11 | 16.4 | 68 | 10 | US-09-916-963-150 | Sequence 150, App |
| c 605 | 11 | 16.4 | 68 | 14 | US-10-287-919-2 | Sequence 2, Appli |
| c 606 | 11 | 16.4 | 68 | 15 | US-10-267-384-141 | Sequence 141, App |
| 607 | 11 | 16.4 | 68 | 16 | US-10-329-624-4952 | Sequence 4952, Ap |
| c 608 | 11 | 16.4 | 70 | 10 | US-09-907-111-122 | Sequence 122, App |
| c 609 | 11 | 16.4 | 71 | 8 | US-08-781-986A-2469 | Sequence 2469, Ap |
| c 610 | 11 | 16.4 | 71 | 16 | US-10-329-624-2469 | Sequence 2469, Ap |
| 611 | 11 | 16.4 | 77 | 8 | US-08-781-986A-4957 | Sequence 4957, Ap |
| 612 | 11 | 16.4 | 77 | 10 | US-09-860-474-167 | Sequence 167, App |
| 613 | 11 | 16.4 | 77 | 15 | US-10-409-565-167 | Sequence 167, App |
| 614 | 11 | 16.4 | 77 | 16 | US-10-329-624-4957 | Sequence 4957, Ap |
| c 615 | 11 | 16.4 | 77 | 17 | US-10-021-323-14875 | Sequence 14875, A |
| 616 | 11 | 16.4 | 77 | 17 | US-10-021-323-16369 | Sequence 16369, A |
| 617 | 11 | 16.4 | 80 | 9 | US-09-864-761-25696 | Sequence 25696, A |
| c 618 | 11 | 16.4 | 80 | 10 | US-09-747-377-426 | Sequence 426, App |
| c 619 | 11 | 16.4 | 80 | 13 | US-10-027-632-175815 | Sequence 175815, |
| c 620 | 11 | 16.4 | 80 | 14 | US-10-105-613-426 | Sequence 426, App |
| c 621 | 11 | 16.4 | 80 | 15 | US-10-027-632-175815 | Sequence 175815, |
| 622 | 11 | 16.4 | 81 | 9 | US-09-963-137-85 | Sequence 85, Appl |
| 623 | 11 | 16.4 | 81 | 10 | US-09-860-474-215 | Sequence 215, App |
| 624 | 11 | 16.4 | 81 | 10 | US-09-963-131-85 | Sequence 85, Appl |

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| 625 | 11 | 16.4 | 81 | 15 | US-10-409-565-215 | Sequence 215, App |
| 626 | 11 | 16.4 | 83 | 10 | US-09-860-474-174 | Sequence 174, App |
| 627 | 11 | 16.4 | 83 | 10 | US-09-860-474-185 | Sequence 185, App |
| 628 | 11 | 16.4 | 83 | 10 | US-09-860-474-211 | Sequence 211, App |
| 629 | 11 | 16.4 | 83 | 10 | US-09-851-486-8 | Sequence 8, Appli |
| 630 | 11 | 16.4 | 83 | 10 | US-09-851-486-29 | Sequence 29, Appl |
| 631 | 11 | 16.4 | 83 | 15 | US-10-409-565-174 | Sequence 174, App |
| 632 | 11 | 16.4 | 83 | 15 | US-10-409-565-185 | Sequence 185, App |
| 633 | 11 | 16.4 | 83 | 15 | US-10-409-565-211 | Sequence 211, App |
| 634 | 11 | 16.4 | 83 | 15 | US-10-223-666-97 | Sequence 97, Appl |
| 635 | 11 | 16.4 | 83 | 15 | US-10-223-666-118 | Sequence 118, App |
| 636 | 11 | 16.4 | 84 | 10 | US-09-860-474-175 | Sequence 175, App |
| 637 | 11 | 16.4 | 84 | 10 | US-09-860-474-181 | Sequence 181, App |
| 638 | 11 | 16.4 | 84 | 10 | US-09-860-474-217 | Sequence 217, App |
| 639 | 11 | 16.4 | 84 | 10 | US-09-851-486-4 | Sequence 4, Appli |
| 640 | 11 | 16.4 | 84 | 10 | US-09-851-486-17 | Sequence 17, Appl |
| 641 | 11 | 16.4 | 84 | 10 | US-09-851-486-18 | Sequence 18, Appl |
| 642 | 11 | 16.4 | 84 | 15 | US-10-409-565-175 | Sequence 175, App |
| 643 | 11 | 16.4 | 84 | 15 | US-10-409-565-181 | Sequence 181, App |
| 644 | 11 | 16.4 | 84 | 15 | US-10-409-565-217 | Sequence 217, App |
| 645 | 11 | 16.4 | 84 | 15 | US-10-223-666-93 | Sequence 93, Appl |
| 646 | 11 | 16.4 | 84 | 15 | US-10-223-666-106 | Sequence 106, App |
| 647 | 11 | 16.4 | 84 | 15 | US-10-223-666-107 | Sequence 107, App |
| c 648 | 11 | 16.4 | 84 | 18 | US-10-781-362-24 | Sequence 24, Appl |
| 649 | 11 | 16.4 | 85 | 9 | US-09-864-761-19305 | Sequence 19305, A |
| 650 | 11 | 16.4 | 85 | 10 | US-09-860-474-161 | Sequence 161, App |
| 651 | 11 | 16.4 | 85 | 10 | US-09-860-474-164 | Sequence 164, App |
| 652 | 11 | 16.4 | 85 | 10 | US-09-860-474-165 | Sequence 165, App |
| 653 | 11 | 16.4 | 85 | 10 | US-09-860-474-170 | Sequence 170, App |
| 654 | 11 | 16.4 | 85 | 10 | US-09-860-474-171 | Sequence 171, App |
| 655 | 11 | 16.4 | 85 | 10 | US-09-860-474-173 | Sequence 173, App |
| 656 | 11 | 16.4 | 85 | 10 | US-09-860-474-184 | Sequence 184, App |
| 657 | 11 | 16.4 | 85 | 10 | US-09-860-474-196 | Sequence 196, App |
| 658 | 11 | 16.4 | 85 | 10 | US-09-860-474-207 | Sequence 207, App |
| 659 | 11 | 16.4 | 85 | 10 | US-09-860-474-208 | Sequence 208, App |
| 660 | 11 | 16.4 | 85 | 10 | US-09-860-474-213 | Sequence 213, App |
| 661 | 11 | 16.4 | 85 | 10 | US-09-860-474-216 | Sequence 216, App |
| 662 | 11 | 16.4 | 85 | 10 | US-09-851-486-5 | Sequence 5, Appli |
| 663 | 11 | 16.4 | 85 | 10 | US-09-851-486-7 | Sequence 7, Appli |
| 664 | 11 | 16.4 | 85 | 10 | US-09-851-486-11 | Sequence 11, Appl |
| 665 | 11 | 16.4 | 85 | 10 | US-09-851-486-26 | Sequence 26, Appl |
| 666 | 11 | 16.4 | 85 | 10 | US-09-851-486-30 | Sequence 30, Appl |
| 667 | 11 | 16.4 | 85 | 10 | US-09-851-486-32 | Sequence 32, Appl |
| 668 | 11 | 16.4 | 85 | 15 | US-10-409-565-161 | Sequence 161, App |
| 669 | 11 | 16.4 | 85 | 15 | US-10-409-565-164 | Sequence 164, App |
| 670 | 11 | 16.4 | 85 | 15 | US-10-409-565-165 | Sequence 165, App |
| 671 | 11 | 16.4 | 85 | 15 | US-10-409-565-170 | Sequence 170, App |
| 672 | 11 | 16.4 | 85 | 15 | US-10-409-565-171 | Sequence 171, App |
| 673 | 11 | 16.4 | 85 | 15 | US-10-409-565-173 | Sequence 173, App |
| 674 | 11 | 16.4 | 85 | 15 | US-10-409-565-184 | Sequence 184, App |
| 675 | 11 | 16.4 | 85 | 15 | US-10-409-565-196 | Sequence 196, App |
| 676 | 11 | 16.4 | 85 | 15 | US-10-409-565-207 | Sequence 207, App |
| 677 | 11 | 16.4 | 85 | 15 | US-10-409-565-208 | Sequence 208, App |
| 678 | 11 | 16.4 | 85 | 15 | US-10-409-565-213 | Sequence 213, App |
| 679 | 11 | 16.4 | 85 | 15 | US-10-409-565-216 | Sequence 216, App |
| 680 | 11 | 16.4 | 85 | 15 | US-10-223-666-94 | Sequence 94, Appl |
| 681 | 11 | 16.4 | 85 | 15 | US-10-223-666-96 | Sequence 96, Appl |

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| 682 | 11 | 16.4 | 85 | 15 | US-10-223-666-100 | Sequence 100, App |
| 683 | 11 | 16.4 | 85 | 15 | US-10-223-666-115 | Sequence 115, App |
| 684 | 11 | 16.4 | 85 | 15 | US-10-223-666-119 | Sequence 119, App |
| 685 | 11 | 16.4 | 85 | 15 | US-10-223-666-121 | Sequence 121, App |
| 686 | 11 | 16.4 | 86 | 9 | US-09-864-761-26993 | Sequence 26993, A |
| 687 | 11 | 16.4 | 86 | 10 | US-09-860-474-159 | Sequence 159, App |
| 688 | 11 | 16.4 | 86 | 10 | US-09-860-474-160 | Sequence 160, App |
| 689 | 11 | 16.4 | 86 | 10 | US-09-860-474-162 | Sequence 162, App |
| 690 | 11 | 16.4 | 86 | 10 | US-09-860-474-163 | Sequence 163, App |
| 691 | 11 | 16.4 | 86 | 10 | US-09-860-474-166 | Sequence 166, App |
| 692 | 11 | 16.4 | 86 | 10 | US-09-860-474-168 | Sequence 168, App |
| 693 | 11 | 16.4 | 86 | 10 | US-09-860-474-169 | Sequence 169, App |
| 694 | 11 | 16.4 | 86 | 10 | US-09-860-474-172 | Sequence 172, App |
| 695 | 11 | 16.4 | 86 | 10 | US-09-860-474-182 | Sequence 182, App |
| 696 | 11 | 16.4 | 86 | 10 | US-09-860-474-183 | Sequence 183, App |
| 697 | 11 | 16.4 | 86 | 10 | US-09-860-474-197 | Sequence 197, App |
| 698 | 11 | 16.4 | 86 | 10 | US-09-860-474-209 | Sequence 209, App |
| 699 | 11 | 16.4 | 86 | 10 | US-09-860-474-210 | Sequence 210, App |
| 700 | 11 | 16.4 | 86 | 10 | US-09-860-474-212 | Sequence 212, App |
| 701 | 11 | 16.4 | 86 | 10 | US-09-860-474-214 | Sequence 214, App |
| 702 | 11 | 16.4 | 86 | 10 | US-09-860-474-218 | Sequence 218, App |
| 703 | 11 | 16.4 | 86 | 10 | US-09-860-474-237 | Sequence 237, App |
| 704 | 11 | 16.4 | 86 | 10 | US-09-851-486-1 | Sequence 1, Appli |
| 705 | 11 | 16.4 | 86 | 10 | US-09-851-486-6 | Sequence 6, Appli |
| 706 | 11 | 16.4 | 86 | 10 | US-09-851-486-9 | Sequence 9, Appli |
| 707 | 11 | 16.4 | 86 | 10 | US-09-851-486-10 | Sequence 10, Appl |
| 708 | 11 | 16.4 | 86 | 10 | US-09-851-486-12 | Sequence 12, Appl |
| 709 | 11 | 16.4 | 86 | 10 | US-09-851-486-13 | Sequence 13, Appl |
| 710 | 11 | 16.4 | 86 | 10 | US-09-851-486-14 | Sequence 14, Appl |
| 711 | 11 | 16.4 | 86 | 10 | US-09-851-486-15 | Sequence 15, Appl |
| 712 | 11 | 16.4 | 86 | 10 | US-09-851-486-19 | Sequence 19, Appl |
| 713 | 11 | 16.4 | 86 | 10 | US-09-851-486-20 | Sequence 20, Appl |
| 714 | 11 | 16.4 | 86 | 10 | US-09-851-486-21 | Sequence 21, Appl |
| 715 | 11 | 16.4 | 86 | 10 | US-09-851-486-22 | Sequence 22, Appl |
| 716 | 11 | 16.4 | 86 | 10 | US-09-851-486-23 | Sequence 23, Appl |
| 717 | 11 | 16.4 | 86 | 10 | US-09-851-486-24 | Sequence 24, Appl |
| 718 | 11 | 16.4 | 86 | 10 | US-09-851-486-25 | Sequence 25, Appl |
| 719 | 11 | 16.4 | 86 | 10 | US-09-851-486-27 | Sequence 27, Appl |
| 720 | 11 | 16.4 | 86 | 10 | US-09-851-486-28 | Sequence 28, Appl |
| 721 | 11 | 16.4 | 86 | 10 | US-09-851-486-31 | Sequence 31, Appl |
| 722 | 11 | 16.4 | 86 | 10 | US-09-851-486-33 | Sequence 33, Appl |
| 723 | 11 | 16.4 | 86 | 10 | US-09-851-486-34 | Sequence 34, Appl |
| 724 | 11 | 16.4 | 86 | 10 | US-09-851-486-35 | Sequence 35, Appl |
| c 725 | 11 | 16.4 | 86 | 10 | US-09-535-459-1490 | Sequence 1490, Ap |
| 726 | 11 | 16.4 | 86 | 15 | US-10-409-565-159 | Sequence 159, App |
| 727 | 11 | 16.4 | 86 | 15 | US-10-409-565-160 | Sequence 160, App |
| 728 | 11 | 16.4 | 86 | 15 | US-10-409-565-162 | Sequence 162, App |
| 729 | 11 | 16.4 | 86 | 15 | US-10-409-565-163 | Sequence 163, App |
| 730 | 11 | 16.4 | 86 | 15 | US-10-409-565-166 | Sequence 166, App |
| 731 | 11 | 16.4 | 86 | 15 | US-10-409-565-168 | Sequence 168, App |
| 732 | 11 | 16.4 | 86 | 15 | US-10-409-565-169 | Sequence 169, App |
| 733 | 11 | 16.4 | 86 | 15 | US-10-409-565-172 | Sequence 172, App |
| 734 | 11 | 16.4 | 86 | 15 | US-10-409-565-182 | Sequence 182, App |
| 735 | 11 | 16.4 | 86 | 15 | US-10-409-565-183 | Sequence 183, App |
| 736 | 11 | 16.4 | 86 | 15 | US-10-409-565-197 | Sequence 197, App |
| 737 | 11 | 16.4 | 86 | 15 | US-10-409-565-209 | Sequence 209, App |
| 738 | 11 | 16.4 | 86 | 15 | US-10-409-565-210 | Sequence 210, App |

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| 739 | 11 | 16.4 | 86 | 15 | US-10-409-565-212 | Sequence 212, App |
| 740 | 11 | 16.4 | 86 | 15 | US-10-409-565-214 | Sequence 214, App |
| 741 | 11 | 16.4 | 86 | 15 | US-10-409-565-218 | Sequence 218, App |
| 742 | 11 | 16.4 | 86 | 15 | US-10-409-565-237 | Sequence 237, App |
| 743 | 11 | 16.4 | 86 | 15 | US-10-223-666-90 | Sequence 90, Appl |
| 744 | 11 | 16.4 | 86 | 15 | US-10-223-666-95 | Sequence 95, Appl |
| 745 | 11 | 16.4 | 86 | 15 | US-10-223-666-98 | Sequence 98, Appl |
| 746 | 11 | 16.4 | 86 | 15 | US-10-223-666-99 | Sequence 99, Appl |
| 747 | 11 | 16.4 | 86 | 15 | US-10-223-666-101 | Sequence 101, App |
| 748 | 11 | 16.4 | 86 | 15 | US-10-223-666-102 | Sequence 102, App |
| 749 | 11 | 16.4 | 86 | 15 | US-10-223-666-103 | Sequence 103, App |
| 750 | 11 | 16.4 | 86 | 15 | US-10-223-666-104 | Sequence 104, App |
| 751 | 11 | 16.4 | 86 | 15 | US-10-223-666-108 | Sequence 108, App |
| 752 | 11 | 16.4 | 86 | 15 | US-10-223-666-109 | Sequence 109, App |
| 753 | 11 | 16.4 | 86 | 15 | US-10-223-666-110 | Sequence 110, App |
| 754 | 11 | 16.4 | 86 | 15 | US-10-223-666-111 | Sequence 111, App |
| 755 | 11 | 16.4 | 86 | 15 | US-10-223-666-112 | Sequence 112, App |
| 756 | 11 | 16.4 | 86 | 15 | US-10-223-666-113 | Sequence 113, App |
| 757 | 11 | 16.4 | 86 | 15 | US-10-223-666-114 | Sequence 114, App |
| 758 | 11 | 16.4 | 86 | 15 | US-10-223-666-116 | Sequence 116, App |
| 759 | 11 | 16.4 | 86 | 15 | US-10-223-666-117 | Sequence 117, App |
| 760 | 11 | 16.4 | 86 | 15 | US-10-223-666-120 | Sequence 120, App |
| 761 | 11 | 16.4 | 86 | 15 | US-10-223-666-122 | Sequence 122, App |
| 762 | 11 | 16.4 | 86 | 15 | US-10-223-666-123 | Sequence 123, App |
| 763 | 11 | 16.4 | 86 | 15 | US-10-223-666-124 | Sequence 124, App |
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| 766 | 11 | 16.4 | 87 | 15 | US-10-223-666-105 | Sequence 105, App |
| 767 | 11 | 16.4 | 87 | 16 | US-10-329-624-4862 | Sequence 4862, Ap |
| 768 | 11 | 16.4 | 88 | 9 | US-09-294-093B-1397 | Sequence 1397, Ap |
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| 770 | 11 | 16.4 | 89 | 17 | US-10-021-323-13105 | Sequence 13105, A |
| c 771 | 11 | 16.4 | 90 | 10 | US-09-535-459-1333 | Sequence 1333, Ap |
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| 773 | 11 | 16.4 | 90 | 15 | US-10-027-632-52269 | Sequence 52269, A |
| c 774 | 11 | 16.4 | 93 | 8 | US-08-781-986A-2117 | Sequence 2117, Ap |
| c 775 | 11 | 16.4 | 93 | 10 | US-09-918-995-18711 | Sequence 18711, A |
| c 776 | 11 | 16.4 | 93 | 16 | US-10-329-624-2117 | Sequence 2117, Ap |
| c 777 | 11 | 16.4 | 94 | 9 | US-09-878-178-1127 | Sequence 1127, Ap |
| c 778 | 11 | 16.4 | 94 | 13 | US-10-046-935-1127 | Sequence 1127, Ap |
| c 779 | 11 | 16.4 | 94 | 14 | US-10-146-502-1127 | Sequence 1127, Ap |
| 780 | 11 | 16.4 | 96 | 9 | US-09-969-373-692 | Sequence 692, App |
| 781 | 11 | 16.4 | 97 | 13 | US-10-040-739-213 | Sequence 213, App |
| c 782 | 11 | 16.4 | 98 | 9 | US-09-969-373-384 | Sequence 384, App |
| c 783 | 11 | 16.4 | 98 | 14 | US-10-109-812-46 | Sequence 46, Appl |
| c 784 | 11 | 16.4 | 99 | 15 | US-10-313-542-62 | Sequence 62, Appl |
| c 785 | 11 | 16.4 | 99 | 15 | US-10-149-869-15 | Sequence 15, Appl |
| c 786 | 11 | 16.4 | 100 | 15 | US-10-149-869-8 | Sequence 8, Appli |
| c 787 | 11 | 16.4 | 100 | 15 | US-10-149-869-27 | Sequence 27, Appl |
| c 788 | 11 | 16.4 | 100 | 16 | US-10-242-535A-22760 | Sequence 22760, A |
| c 789 | 11 | 16.4 | 100 | 16 | US-10-242-535A-35815 | Sequence 35815, A |
| c 790 | 11 | 16.4 | 100 | 16 | US-10-242-535A-41910 | Sequence 41910, A |
| c 791 | 11 | 16.4 | 100 | 16 | US-10-085-783A-22760 | Sequence 22760, A |
| c 792 | 11 | 16.4 | 100 | 16 | US-10-085-783A-35815 | Sequence 35815, A |
| c 793 | 11 | 16.4 | 100 | 16 | US-10-085-783A-41910 | Sequence 41910, A |
| 794 | 11 | 16.4 | 100 | 18 | US-10-644-594-176 | Sequence 176, App |
| 795 | 11 | 16.4 | 100 | 18 | US-10-644-594-205 | Sequence 205, App |

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| 797 | 11 | 16.4 | 100 | 18 | US-10-644-594-261 | Sequence 261, App |
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| 801 | 10 | 14.9 | 11 | 15 | US-10-265-509B-31 | Sequence 31, Appl |
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| c 984 | 10 | 14.9 | 12 | 18 | US-10-257-017B-363897 | Sequence 363897, |
| c 985 | 10 | 14.9 | 12 | 18 | US-10-257-017B-363899 | Sequence 363899, |
| 986 | 10 | 14.9 | 12 | 18 | US-10-257-017B-364997 | Sequence 364997, |
| c 987 | 10 | 14.9 | 12 | 18 | US-10-257-017B-365450 | Sequence 365450, |
| 988 | 10 | 14.9 | 12 | 18 | US-10-257-017B-366252 | Sequence 366252, |
| 989 | 10 | 14.9 | 12 | 18 | US-10-257-017B-366676 | Sequence 366676, |
| c 990 | 10 | 14.9 | 12 | 18 | US-10-257-017B-366800 | Sequence 366800, |
| c 991 | 10 | 14.9 | 12 | 18 | US-10-257-017B-368861 | Sequence 368861, |
| 992 | 10 | 14.9 | 12 | 18 | US-10-257-017B-369498 | Sequence 369498, |
| 993 | 10 | 14.9 | 12 | 18 | US-10-257-017B-369874 | Sequence 369874, |
| 994 | 10 | 14.9 | 12 | 18 | US-10-257-017B-370281 | Sequence 370281, |
| c 995 | 10 | 14.9 | 12 | 18 | US-10-257-017B-370765 | Sequence 370765, |
| 996 | 10 | 14.9 | 12 | 18 | US-10-257-017B-371166 | Sequence 371166, |
| 997 | 10 | 14.9 | 12 | 18 | US-10-257-017B-371198 | Sequence 371198, |
| c 998 | 10 | 14.9 | 12 | 18 | US-10-257-017B-371383 | Sequence 371383, |
| c 999 | 10 | 14.9 | 12 | 18 | US-10-257-017B-373008 | Sequence 373008, |
| c1000 | 10 | 14.9 | 12 | 18 | US-10-257-017B-374140 | Sequence 374140, |

ALIGNMENTS

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 00:43:51 ; Search time 127.513 Seconds
(without alignments)
953.197 Million cell updates/sec

Title: US-09-463-209D-1
Perfect score: 171
Sequence: 1 tttcccaacttcggtataa.....atctagttttgaatgtataa 171

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*
1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*
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6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result | | | % | | Query | | ID | Description |
|--------|-----|-------|-------|--------|-------|---------------------|-------------------|-------------|
| | No. | Score | Match | Length | DB | | | |
| c | 1 | 171 | 100.0 | 400 | 4 | US-08-956-171E-3719 | Sequence 3719, Ap | |
| c | 2 | 171 | 100.0 | 400 | 4 | US-08-956-171E-3748 | Sequence 3748, Ap | |
| c | 3 | 171 | 100.0 | 400 | 4 | US-08-956-171E-3803 | Sequence 3803, Ap | |
| c | 4 | 171 | 100.0 | 400 | 4 | US-08-781-986A-3719 | Sequence 3719, Ap | |
| c | 5 | 171 | 100.0 | 400 | 4 | US-08-781-986A-3748 | Sequence 3748, Ap | |
| c | 6 | 171 | 100.0 | 400 | 4 | US-08-781-986A-3803 | Sequence 3803, Ap | |
| c | 7 | 171 | 100.0 | 587 | 4 | US-08-956-171E-3554 | Sequence 3554, Ap | |
| c | 8 | 171 | 100.0 | 587 | 4 | US-08-781-986A-3554 | Sequence 3554, Ap | |
| c | 9 | 171 | 100.0 | 15249 | 4 | US-08-956-171E-102 | Sequence 102, App | |
| c | 10 | 171 | 100.0 | 15249 | 4 | US-08-781-986A-102 | Sequence 102, App | |
| | 11 | 171 | 100.0 | 30246 | 4 | US-08-956-171E-56 | Sequence 56, Appl | |

| | | | | | | | |
|---|----|-------|-------|-------|---|---------------------|-------------------|
| | 12 | 171 | 100.0 | 30246 | 4 | US-08-781-986A-56 | Sequence 56, Appl |
| c | 13 | 170 | 99.4 | 400 | 4 | US-08-956-171E-3700 | Sequence 3700, Ap |
| c | 14 | 170 | 99.4 | 400 | 4 | US-08-781-986A-3700 | Sequence 3700, Ap |
| c | 15 | 169.4 | 99.1 | 400 | 4 | US-08-956-171E-3638 | Sequence 3638, Ap |
| c | 16 | 169.4 | 99.1 | 400 | 4 | US-08-781-986A-3638 | Sequence 3638, Ap |
| c | 17 | 168.4 | 98.5 | 400 | 4 | US-08-956-171E-3768 | Sequence 3768, Ap |
| c | 18 | 168.4 | 98.5 | 400 | 4 | US-08-781-986A-3768 | Sequence 3768, Ap |
| c | 19 | 167.4 | 97.9 | 458 | 4 | US-08-956-171E-3757 | Sequence 3757, Ap |
| c | 20 | 167.4 | 97.9 | 458 | 4 | US-08-781-986A-3757 | Sequence 3757, Ap |
| | 21 | 164.6 | 96.3 | 400 | 4 | US-08-956-171E-3708 | Sequence 3708, Ap |
| | 22 | 164.6 | 96.3 | 400 | 4 | US-08-781-986A-3708 | Sequence 3708, Ap |
| c | 23 | 163.6 | 95.7 | 6591 | 4 | US-08-956-171E-3114 | Sequence 3114, Ap |
| c | 24 | 163.6 | 95.7 | 6591 | 4 | US-08-781-986A-3114 | Sequence 3114, Ap |
| c | 25 | 161.2 | 94.3 | 340 | 4 | US-08-956-171E-4195 | Sequence 4195, Ap |
| c | 26 | 161.2 | 94.3 | 340 | 4 | US-08-781-986A-4195 | Sequence 4195, Ap |
| c | 27 | 159 | 93.0 | 400 | 4 | US-08-956-171E-3738 | Sequence 3738, Ap |
| c | 28 | 159 | 93.0 | 400 | 4 | US-08-781-986A-3738 | Sequence 3738, Ap |
| c | 29 | 159 | 93.0 | 425 | 4 | US-08-956-171E-3714 | Sequence 3714, Ap |
| c | 30 | 159 | 93.0 | 425 | 4 | US-08-781-986A-3714 | Sequence 3714, Ap |
| | 31 | 156 | 91.2 | 840 | 4 | US-08-956-171E-508 | Sequence 508, App |
| | 32 | 156 | 91.2 | 840 | 4 | US-08-781-986A-508 | Sequence 508, App |
| c | 33 | 154 | 90.1 | 400 | 4 | US-08-956-171E-3611 | Sequence 3611, Ap |
| c | 34 | 154 | 90.1 | 400 | 4 | US-08-956-171E-3634 | Sequence 3634, Ap |
| c | 35 | 154 | 90.1 | 400 | 4 | US-08-781-986A-3611 | Sequence 3611, Ap |
| c | 36 | 154 | 90.1 | 400 | 4 | US-08-781-986A-3634 | Sequence 3634, Ap |
| c | 37 | 145.4 | 85.0 | 386 | 4 | US-08-956-171E-4064 | Sequence 4064, Ap |
| c | 38 | 145.4 | 85.0 | 386 | 4 | US-08-781-986A-4064 | Sequence 4064, Ap |
| | 39 | 143.4 | 83.9 | 2209 | 4 | US-08-956-171E-3552 | Sequence 3552, Ap |
| | 40 | 143.4 | 83.9 | 2209 | 4 | US-08-781-986A-3552 | Sequence 3552, Ap |
| | 41 | 140.8 | 82.3 | 400 | 4 | US-08-956-171E-3858 | Sequence 3858, Ap |
| | 42 | 140.8 | 82.3 | 400 | 4 | US-08-781-986A-3858 | Sequence 3858, Ap |
| c | 43 | 140.2 | 82.0 | 400 | 4 | US-08-956-171E-3934 | Sequence 3934, Ap |
| c | 44 | 140.2 | 82.0 | 400 | 4 | US-08-781-986A-3934 | Sequence 3934, Ap |
| c | 45 | 138.6 | 81.1 | 400 | 4 | US-08-956-171E-3866 | Sequence 3866, Ap |

ALIGNMENTS

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 06:29:21 ; Search time 2177.85 Seconds
(without alignments)
1121.045 Million cell updates/sec

Title: US-09-463-209D-1_COPY_100_166
Perfect score: 67
Sequence: 1 gaagacttaatcaaaaataaa.....ttactatctagttttgaatg 67

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 32822875 seqs, 18219865908 residues

Word size : 10

Total number of hits satisfying chosen parameters: 3658

Minimum DB seq length: 0
Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

Database : EST:*
1: gb_est1:*
2: gb_est2:*
3: gb_htc:*
4: gb_est3:*
5: gb_est4:*
6: gb_est5:*
7: gb_est6:*
8: gb_gss1:*
9: gb_gss2:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result | | | % | | Query | | | | Description |
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| | No. | Score | Match | Length | DB | ID | | | |
| | 1 | 16 | 23.9 | 91 | 1 | AU013220 | | AU013220 AU013220 | |
| c | 2 | 15 | 22.4 | 56 | 7 | CF358645 | | CF358645 rl49b07.y | |
| | 3 | 15 | 22.4 | 58 | 1 | AJ707678 | | AJ707678 AJ707678 | |
| c | 4 | 15 | 22.4 | 63 | 1 | AI472454 | | AI472454 tl77a11.x | |
| c | 5 | 15 | 22.4 | 65 | 1 | AA663663 | | AA663663 ae72b03.s | |
| c | 6 | 15 | 22.4 | 73 | 1 | AI459640 | | AI459640 ar83g02.x | |
| | 7 | 15 | 22.4 | 75 | 2 | BF643652 | | BF643652 NF005A04E | |
| c | 8 | 15 | 22.4 | 76 | 1 | AI365309 | | AI365309 qx65f05.x | |
| c | 9 | 15 | 22.4 | 77 | 9 | CG605525 | | CG605525 OST282231 | |

| | | | | | | | | |
|---|----|----|------|----|---|----------|----------|------------|
| c | 10 | 15 | 22.4 | 90 | 1 | AI656705 | AI656705 | tt47d12.x |
| c | 11 | 15 | 22.4 | 98 | 1 | AI640370 | AI640370 | tz70a03.x |
| | 12 | 14 | 20.9 | 35 | 8 | AZ484761 | AZ484761 | 1M0311024 |
| | 13 | 14 | 20.9 | 56 | 5 | BQ386892 | BQ386892 | NISC_mn20 |
| c | 14 | 14 | 20.9 | 69 | 1 | AU258735 | AU258735 | AU258735 |
| | 15 | 14 | 20.9 | 82 | 9 | CG696068 | CG696068 | BARC_BFGL |
| | 16 | 14 | 20.9 | 92 | 7 | D20580 | D20580 | HUMGS01555 |
| c | 17 | 14 | 20.9 | 93 | 9 | CR055127 | CR055127 | Reverse s |
| | 18 | 13 | 19.4 | 28 | 1 | AU254524 | AU254524 | AU254524 |
| | 19 | 13 | 19.4 | 28 | 7 | D18236 | D18236 | MUSGS00515 |
| | 20 | 13 | 19.4 | 42 | 8 | AZ618672 | AZ618672 | 1M0450G08 |
| c | 21 | 13 | 19.4 | 52 | 7 | CN754704 | CN754704 | ID0AAA13D |
| | 22 | 13 | 19.4 | 57 | 1 | AA422578 | AA422578 | vf15a05.s |
| c | 23 | 13 | 19.4 | 57 | 7 | CK122612 | CK122612 | BES182410 |
| c | 24 | 13 | 19.4 | 57 | 8 | AZ767277 | AZ767277 | 1M0566C22 |
| | 25 | 13 | 19.4 | 58 | 1 | AU255999 | AU255999 | AU255999 |
| c | 26 | 13 | 19.4 | 59 | 1 | AI719267 | AI719267 | as45e01.x |
| c | 27 | 13 | 19.4 | 59 | 8 | BH861600 | BH861600 | SALK_0875 |
| c | 28 | 13 | 19.4 | 62 | 1 | AA781053 | AA781053 | aj10f11.s |
| | 29 | 13 | 19.4 | 63 | 8 | BZ770283 | BZ770283 | SALK_1432 |
| | 30 | 13 | 19.4 | 64 | 9 | CG646023 | CG646023 | OST391356 |
| | 31 | 13 | 19.4 | 66 | 7 | CN565030 | CN565030 | tag23e01. |
| | 32 | 13 | 19.4 | 67 | 6 | CA333624 | CA333624 | haa87b11. |
| | 33 | 13 | 19.4 | 68 | 1 | AA656750 | AA656750 | vr50b06.s |
| | 34 | 13 | 19.4 | 68 | 7 | D82238 | D82238 | HUMHBC4676 |
| | 35 | 13 | 19.4 | 68 | 9 | CR405465 | CR405465 | Arabidops |
| c | 36 | 13 | 19.4 | 71 | 9 | AL948795 | AL948795 | Arabidops |
| c | 37 | 13 | 19.4 | 71 | 9 | BX240682 | BX240682 | Danio rer |
| | 38 | 13 | 19.4 | 72 | 4 | BI260363 | BI260363 | 602969412 |
| c | 39 | 13 | 19.4 | 72 | 9 | AJ592276 | AJ592276 | Arabidops |
| c | 40 | 13 | 19.4 | 72 | 9 | AL759353 | AL759353 | Arabidops |
| | 41 | 13 | 19.4 | 73 | 7 | CO067800 | CO067800 | Mdfirt3028 |
| | 42 | 13 | 19.4 | 74 | 9 | AL946921 | AL946921 | Arabidops |
| | 43 | 13 | 19.4 | 76 | 8 | BZ355700 | BZ355700 | SALK_1273 |
| | 44 | 13 | 19.4 | 77 | 8 | AZ620763 | AZ620763 | 1M0453D09 |
| c | 45 | 13 | 19.4 | 78 | 1 | AU266616 | AU266616 | AU266616 |
| c | 46 | 13 | 19.4 | 78 | 9 | CG669800 | CG669800 | OST467104 |
| c | 47 | 13 | 19.4 | 80 | 7 | CN572484 | CN572484 | rf55f04.x |
| | 48 | 13 | 19.4 | 81 | 6 | CF044632 | CF044632 | QCJ31e09. |
| | 49 | 13 | 19.4 | 82 | 4 | BM180281 | BM180281 | daj87g01. |
| c | 50 | 13 | 19.4 | 82 | 9 | CL529478 | CL529478 | HIV43C07. |
| c | 51 | 13 | 19.4 | 84 | 5 | BP049384 | BP049384 | BP049384 |
| | 52 | 13 | 19.4 | 84 | 9 | BX285269 | BX285269 | Arabidops |
| | 53 | 13 | 19.4 | 84 | 9 | CR398339 | CR398339 | Arabidops |
| c | 54 | 13 | 19.4 | 85 | 1 | AI477927 | AI477927 | fb49b10.x |
| | 55 | 13 | 19.4 | 85 | 6 | CA330259 | CA330259 | hab03d07. |
| c | 56 | 13 | 19.4 | 85 | 6 | CF269679 | CF269679 | Fcylcold8 |
| c | 57 | 13 | 19.4 | 85 | 7 | CK108098 | CK108098 | G097P08 P |
| | 58 | 13 | 19.4 | 85 | 9 | AL758242 | AL758242 | Arabidops |
| | 59 | 13 | 19.4 | 87 | 6 | CD961625 | CD961625 | SDK_163 G |
| | 60 | 13 | 19.4 | 87 | 9 | BX243000 | BX243000 | Danio rer |
| c | 61 | 13 | 19.4 | 89 | 4 | BM436118 | BM436118 | 1Ru21C6.a |
| | 62 | 13 | 19.4 | 91 | 7 | D18617 | D18617 | MUSGS01678 |
| c | 63 | 13 | 19.4 | 91 | 8 | AZ583129 | AZ583129 | 1M0376E22 |
| c | 64 | 13 | 19.4 | 93 | 4 | BM191542 | BM191542 | daj87g01. |
| c | 65 | 13 | 19.4 | 93 | 9 | CC793340 | CC793340 | SALK_0135 |
| | 66 | 13 | 19.4 | 95 | 5 | BX312641 | BX312641 | BX312641 |

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|---|-----|----|------|-----|---|-----------|----------|-------------|
| c | 67 | 13 | 19.4 | 95 | 8 | AZ769467 | AZ769467 | 1M0570009 |
| c | 68 | 13 | 19.4 | 96 | 6 | CB297541 | CB297541 | 12B22017_ |
| c | 69 | 13 | 19.4 | 97 | 4 | BI703462 | BI703462 | fs89b09.x |
| | 70 | 13 | 19.4 | 97 | 7 | CN749677 | CN749677 | ApAL3SD-X |
| | 71 | 13 | 19.4 | 97 | 8 | AZ583446 | AZ583446 | 1M0378E05 |
| | 72 | 13 | 19.4 | 97 | 9 | AL771665 | AL771665 | Arabidops |
| c | 73 | 13 | 19.4 | 99 | 2 | AW150368 | AW150368 | xg50e05.x |
| | 74 | 13 | 19.4 | 99 | 9 | TA142E01P | AL466934 | T. brucei |
| | 75 | 13 | 19.4 | 100 | 1 | AV772557 | AV772557 | AV772557 |
| | 76 | 13 | 19.4 | 100 | 2 | AW847000 | AW847000 | RC1-CT019 |
| c | 77 | 13 | 19.4 | 100 | 8 | BH902991 | BH902991 | SALK_1016 |
| | 78 | 13 | 19.4 | 100 | 9 | TA392E01Q | AL498251 | T. brucei |
| c | 79 | 12 | 17.9 | 26 | 9 | TA339E12P | AL497414 | T. brucei |
| c | 80 | 12 | 17.9 | 27 | 1 | AU264557 | AU264557 | AU264557 |
| | 81 | 12 | 17.9 | 29 | 7 | D25656 | D25656 | HUMGS04014 |
| | 82 | 12 | 17.9 | 30 | 1 | AU254675 | AU254675 | AU254675 |
| | 83 | 12 | 17.9 | 30 | 7 | D19146 | D19146 | MUSGS01366 |
| | 84 | 12 | 17.9 | 30 | 9 | TA115D02P | AL462830 | T. brucei |
| | 85 | 12 | 17.9 | 33 | 1 | AU267504 | AU267504 | AU267504 |
| | 86 | 12 | 17.9 | 35 | 8 | BH814520 | BH814520 | SALK_0665 |
| c | 87 | 12 | 17.9 | 37 | 1 | AA588156 | AA588156 | nm99c11.s |
| | 88 | 12 | 17.9 | 38 | 9 | AG188555 | AG188555 | Pan trogl |
| c | 89 | 12 | 17.9 | 40 | 1 | AI194839 | AI194839 | ui57d09.x |
| | 90 | 12 | 17.9 | 40 | 1 | AA237443 | AA237443 | mw95e01.r |
| c | 91 | 12 | 17.9 | 42 | 6 | C00698 | C00698 | HUMGS000825 |
| c | 92 | 12 | 17.9 | 42 | 6 | C21090 | C21090 | HUMGS000260 |
| c | 93 | 12 | 17.9 | 42 | 9 | CL437544 | CL437544 | PST5826-N |
| | 94 | 12 | 17.9 | 43 | 6 | C01095 | C01095 | HUMGS000775 |
| | 95 | 12 | 17.9 | 43 | 9 | PCH303599 | AJ303599 | Plasmodiu |
| c | 96 | 12 | 17.9 | 44 | 1 | AU257585 | AU257585 | AU257585 |
| c | 97 | 12 | 17.9 | 46 | 1 | AI085448 | AI085448 | ow85a04.s |
| c | 98 | 12 | 17.9 | 46 | 9 | CR298021 | CR298021 | Medicago |
| | 99 | 12 | 17.9 | 48 | 8 | BH901632 | BH901632 | SALK_0834 |
| | 100 | 12 | 17.9 | 49 | 8 | BZ660897 | BZ660897 | SALK_0243 |
| | 101 | 12 | 17.9 | 49 | 9 | CL522438 | CL522438 | DAK2G12 F |
| | 102 | 12 | 17.9 | 49 | 9 | CL522924 | CL522924 | DAK7G08 F |
| c | 103 | 12 | 17.9 | 50 | 1 | AU107018 | AU107018 | AU107018 |
| c | 104 | 12 | 17.9 | 50 | 1 | AU107019 | AU107019 | AU107019 |
| c | 105 | 12 | 17.9 | 50 | 8 | AZ512131 | AZ512131 | 1M0357C05 |
| c | 106 | 12 | 17.9 | 50 | 9 | AJ591147 | AJ591147 | Arabidops |
| | 107 | 12 | 17.9 | 50 | 9 | TA120E02Q | AL462896 | T. brucei |
| c | 108 | 12 | 17.9 | 51 | 8 | AZ445438 | AZ445438 | 1M0241C13 |
| c | 109 | 12 | 17.9 | 51 | 8 | BZ770486 | BZ770486 | SALK_1434 |
| | 110 | 12 | 17.9 | 51 | 9 | CC886839 | CC886839 | SALK_1491 |
| c | 111 | 12 | 17.9 | 52 | 8 | AZ784267 | AZ784267 | 2M0026I23 |
| | 112 | 12 | 17.9 | 52 | 8 | B03289 | B03289 | cSRL-174F6- |
| c | 113 | 12 | 17.9 | 52 | 8 | BH908628 | BH908628 | SALK_0497 |
| c | 114 | 12 | 17.9 | 53 | 1 | AA911274 | AA911274 | oe75c03.s |
| | 115 | 12 | 17.9 | 53 | 5 | BQ088956 | BQ088956 | ko31d05.y |
| | 116 | 12 | 17.9 | 53 | 5 | BQ088957 | BQ088957 | ko31d06.y |
| | 117 | 12 | 17.9 | 53 | 5 | BQ089265 | BQ089265 | ko24a06.y |
| c | 118 | 12 | 17.9 | 53 | 8 | BH847876 | BH847876 | SALK_0606 |
| | 119 | 12 | 17.9 | 54 | 9 | TA280E07P | AL487062 | T. brucei |
| | 120 | 12 | 17.9 | 55 | 1 | AA511976 | AA511976 | vj41c02.r |
| | 121 | 12 | 17.9 | 55 | 2 | AW079030 | AW079030 | xb46c06.x |
| c | 122 | 12 | 17.9 | 55 | 4 | BG272415 | BG272415 | nah30b09. |
| | 123 | 12 | 17.9 | 55 | 4 | BM505349 | BM505349 | ig93f05.x |

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| 124 | 12 | 17.9 | 55 | 6 | C00381 | C00381 HUMGS000398 |
| c 125 | 12 | 17.9 | 56 | 6 | CD711829 | CD711829 VVC021A03 |
| 126 | 12 | 17.9 | 56 | 9 | TA125G09P | AL463208 T. brucei |
| c 127 | 12 | 17.9 | 57 | 4 | BG060446 | BG060446 L0903B02- |
| c 128 | 12 | 17.9 | 57 | 7 | N67379 | N67379 yz50h06.s1 |
| c 129 | 12 | 17.9 | 57 | 9 | AL764674 | AL764674 Arabidops |
| c 130 | 12 | 17.9 | 57 | 9 | BX654864 | BX654864 Arabidops |
| 131 | 12 | 17.9 | 58 | 8 | AZ783415 | AZ783415 2M0025B11 |
| 132 | 12 | 17.9 | 58 | 9 | DR40C16S | AL980176 Danio rer |
| c 133 | 12 | 17.9 | 59 | 1 | AA026246 | AA026246 zj99a03.s |
| 134 | 12 | 17.9 | 59 | 1 | AI049592 | AI049592 an34d11.x |
| c 135 | 12 | 17.9 | 59 | 1 | AI815945 | AI815945 au43h09.x |
| 136 | 12 | 17.9 | 59 | 2 | BE916921 | BE916921 601666463 |
| 137 | 12 | 17.9 | 59 | 4 | BI396668 | BI396668 ro60b04.y |
| 138 | 12 | 17.9 | 60 | 8 | B05620 | B05620 cSRL-68d11- |
| 139 | 12 | 17.9 | 60 | 9 | CR238726 | CR238726 Reverse s |
| c 140 | 12 | 17.9 | 61 | 4 | BM116023 | BM116023 L0829C12- |
| 141 | 12 | 17.9 | 62 | 4 | BI654921 | BI654921 603282875 |
| 142 | 12 | 17.9 | 62 | 5 | BQ089422 | BQ089422 ko26e11.y |
| 143 | 12 | 17.9 | 62 | 6 | CB099379 | CB099379 ks09h04.y |
| c 144 | 12 | 17.9 | 62 | 9 | DR39E13T | AL977649 Danio rer |
| 145 | 12 | 17.9 | 63 | 6 | CB724894 | CB724894 EST0859 R |
| c 146 | 12 | 17.9 | 63 | 6 | CB915296 | CB915296 VVD120C10 |
| c 147 | 12 | 17.9 | 63 | 6 | CD919707 | CD919707 G608.114E |
| c 148 | 12 | 17.9 | 63 | 9 | BX651342 | BX651342 Arabidops |
| 149 | 12 | 17.9 | 63 | 9 | CC886837 | CC886837 SALK_1491 |
| c 150 | 12 | 17.9 | 64 | 1 | AA780922 | AA780922 ag99a08.s |
| c 151 | 12 | 17.9 | 64 | 1 | AA107029 | AA107029 ml92e09.r |
| c 152 | 12 | 17.9 | 64 | 2 | BE638270 | BE638270 SWOvmfCAR |
| 153 | 12 | 17.9 | 64 | 2 | BF154395 | BF154395 SWOvL3CAN |
| c 154 | 12 | 17.9 | 64 | 4 | BG146813 | BG146813 mab93e08. |
| c 155 | 12 | 17.9 | 64 | 4 | BI792455 | BI792455 ic30g08.x |
| c 156 | 12 | 17.9 | 65 | 7 | CR447061 | CR447061 CR447061 |
| 157 | 12 | 17.9 | 65 | 8 | BH900870 | BH900870 KG02348-5 |
| c 158 | 12 | 17.9 | 65 | 9 | BX893872 | BX893872 Arabidops |
| c 159 | 12 | 17.9 | 66 | 1 | AA170728 | AA170728 ms70e11.r |
| c 160 | 12 | 17.9 | 67 | 4 | BG151804 | BG151804 nag64g03. |
| c 161 | 12 | 17.9 | 67 | 9 | BX892800 | BX892800 Arabidops |
| c 162 | 12 | 17.9 | 68 | 7 | T25063 | T25063 EST638 Huma |
| c 163 | 12 | 17.9 | 68 | 8 | AZ575904 | AZ575904 AST-T22B0 |
| 164 | 12 | 17.9 | 69 | 1 | AI318263 | AI318263 tb03b11.x |
| c 165 | 12 | 17.9 | 69 | 5 | BU964827 | BU964827 sat03b10. |
| 166 | 12 | 17.9 | 69 | 9 | BX654962 | BX654962 Arabidops |
| c 167 | 12 | 17.9 | 70 | 1 | AA908282 | AA908282 og33e02.s |
| 168 | 12 | 17.9 | 70 | 4 | BI749415 | BI749415 ro77g11.y |
| 169 | 12 | 17.9 | 70 | 7 | CN760952 | CN760952 ID0AAA29D |
| 170 | 12 | 17.9 | 70 | 7 | H18107 | H18107 yn47e04.s1 |
| 171 | 12 | 17.9 | 70 | 8 | AZ603142 | AZ603142 1M0422H16 |
| c 172 | 12 | 17.9 | 70 | 9 | AL764786 | AL764786 Arabidops |
| c 173 | 12 | 17.9 | 71 | 4 | BG552934 | BG552934 dab81f09. |
| c 174 | 12 | 17.9 | 71 | 9 | BX289223 | BX289223 Arabidops |
| 175 | 12 | 17.9 | 71 | 9 | CG598962 | CG598962 OST265039 |
| c 176 | 12 | 17.9 | 72 | 1 | AA876305 | AA876305 oj14h03.s |
| c 177 | 12 | 17.9 | 72 | 1 | AA155462 | AA155462 mr81c03.r |
| 178 | 12 | 17.9 | 72 | 4 | BI748898 | BI748898 ro83e03.y |
| c 179 | 12 | 17.9 | 72 | 9 | CR053323 | CR053323 Forward s |
| c 180 | 12 | 17.9 | 73 | 1 | AI440176 | AI440176 ti57d12.x |

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| 181 | 12 | 17.9 | 73 | 2 | AW499101 | AW499101 | SWOvAFCAP |
| c 182 | 12 | 17.9 | 73 | 6 | C00400 | C00400 | HUMGS000491 |
| c 183 | 12 | 17.9 | 73 | 7 | CK725752 | CK725752 | SWWbL3CAW |
| c 184 | 12 | 17.9 | 74 | 5 | BU834399 | BU834399 | T060F11 P |
| 185 | 12 | 17.9 | 74 | 9 | CR396161 | CR396161 | Arabidops |
| c 186 | 12 | 17.9 | 75 | 1 | AL970072 | AL970072 | AL970072 |
| 187 | 12 | 17.9 | 75 | 4 | BI704153 | BI704153 | ro62g07.y |
| 188 | 12 | 17.9 | 75 | 7 | CN003562 | CN003562 | ip18b11.g |
| 189 | 12 | 17.9 | 75 | 9 | CR141860 | CR141860 | Reverse s |
| 190 | 12 | 17.9 | 75 | 9 | CR395116 | CR395116 | Arabidops |
| c 191 | 12 | 17.9 | 76 | 5 | BP135565 | BP135565 | BP135565 |
| c 192 | 12 | 17.9 | 76 | 9 | AL769522 | AL769522 | Arabidops |
| 193 | 12 | 17.9 | 77 | 1 | AU258745 | AU258745 | AU258745 |
| c 194 | 12 | 17.9 | 77 | 1 | AV777823 | AV777823 | AV777823 |
| 195 | 12 | 17.9 | 77 | 2 | BF318696 | BF318696 | uy05a06.y |
| c 196 | 12 | 17.9 | 77 | 5 | BU832800 | BU832800 | T038D05 P |
| c 197 | 12 | 17.9 | 77 | 9 | BX892198 | BX892198 | Arabidops |
| c 198 | 12 | 17.9 | 78 | 2 | AW569056 | AW569056 | si74h08.y |
| 199 | 12 | 17.9 | 78 | 8 | BZ352935 | BZ352935 | SALK_1195 |
| 200 | 12 | 17.9 | 78 | 8 | BZ352936 | BZ352936 | SALK_1195 |
| 201 | 12 | 17.9 | 78 | 8 | BZ763692 | BZ763692 | SALK_1211 |
| 202 | 12 | 17.9 | 78 | 9 | CR395115 | CR395115 | Arabidops |
| 203 | 12 | 17.9 | 79 | 1 | AJ705221 | AJ705221 | AJ705221 |
| 204 | 12 | 17.9 | 79 | 5 | BQ265879 | BQ265879 | NISC_ff09 |
| c 205 | 12 | 17.9 | 79 | 7 | CF800333 | CF800333 | RpL3i-X-A |
| c 206 | 12 | 17.9 | 79 | 9 | CR133934 | CR133934 | Forward s |
| 207 | 12 | 17.9 | 80 | 1 | AA237863 | AA237863 | mx77b10.r |
| c 208 | 12 | 17.9 | 80 | 2 | BE845192 | BE845192 | AD08B10T7 |
| c 209 | 12 | 17.9 | 80 | 5 | BQ090230 | BQ090230 | rc63b02.y |
| 210 | 12 | 17.9 | 80 | 7 | D12253 | D12253 | HUM000S416 |
| c 211 | 12 | 17.9 | 80 | 8 | AZ799263 | AZ799263 | 2M0056F03 |
| c 212 | 12 | 17.9 | 80 | 9 | BX289643 | BX289643 | Arabidops |
| c 213 | 12 | 17.9 | 80 | 9 | CR403882 | CR403882 | Arabidops |
| c 214 | 12 | 17.9 | 81 | 1 | AI970603 | AI970603 | wr13a04.x |
| 215 | 12 | 17.9 | 81 | 1 | AV966681 | AV966681 | AV966681 |
| 216 | 12 | 17.9 | 81 | 1 | AA422715 | AA422715 | vd29a06.s |
| c 217 | 12 | 17.9 | 81 | 6 | CD285982 | CD285982 | 10_B10.ab |
| c 218 | 12 | 17.9 | 81 | 6 | CD749555 | CD749555 | rd58h07.y |
| 219 | 12 | 17.9 | 81 | 6 | CD914692 | CD914692 | G550.123K |
| 220 | 12 | 17.9 | 81 | 8 | AZ318339 | AZ318339 | 1M0037D06 |
| 221 | 12 | 17.9 | 82 | 2 | AW279491 | AW279491 | sf90c07.y |
| c 222 | 12 | 17.9 | 82 | 2 | BE646008 | BE646008 | 7e79e09.x |
| c 223 | 12 | 17.9 | 82 | 8 | AZ790400 | AZ790400 | 2M0038H19 |
| c 224 | 12 | 17.9 | 82 | 8 | AZ803152 | AZ803152 | 2M0063F21 |
| 225 | 12 | 17.9 | 82 | 8 | BH614963 | BH614963 | KG02316-5 |
| c 226 | 12 | 17.9 | 83 | 1 | AI140294 | AI140294 | qa36e08.x |
| c 227 | 12 | 17.9 | 83 | 1 | AI286225 | AI286225 | qi02e11.x |
| 228 | 12 | 17.9 | 83 | 1 | AI505128 | AI505128 | vq69g02.x |
| 229 | 12 | 17.9 | 83 | 4 | BI558690 | BI558690 | 603241405 |
| 230 | 12 | 17.9 | 83 | 7 | CN772916 | CN772916 | tae01d12. |
| 231 | 12 | 17.9 | 83 | 8 | BZ662635 | BZ662635 | SALK_0261 |
| 232 | 12 | 17.9 | 84 | 5 | BM928905 | BM928905 | XLTC023 |
| c 233 | 12 | 17.9 | 84 | 9 | AL946343 | AL946343 | Arabidops |
| 234 | 12 | 17.9 | 85 | 2 | AW721809 | AW721809 | SWYD25CAU |
| 235 | 12 | 17.9 | 86 | 1 | AA708191 | AA708191 | zj76f11.s |
| 236 | 12 | 17.9 | 86 | 1 | AA422548 | AA422548 | vf14d02.s |
| 237 | 12 | 17.9 | 87 | 1 | AV536267 | AV536267 | AV536267 |

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| 238 | 12 | 17.9 | 87 | 1 | AV966913 | AV966913 | AV966913 |
| 239 | 12 | 17.9 | 88 | 1 | AI116094 | AI116094 | uc16b01.r |
| 240 | 12 | 17.9 | 88 | 9 | AJ600566 | AJ600566 | Arabidops |
| 241 | 12 | 17.9 | 89 | 1 | AI616217 | AI616217 | vr52h08.x |
| c 242 | 12 | 17.9 | 89 | 2 | BF536807 | BF536807 | 602049291 |
| c 243 | 12 | 17.9 | 89 | 4 | BG791567 | BG791567 | UTSW_H13D |
| c 244 | 12 | 17.9 | 89 | 9 | BX572507 | BX572507 | Arabidops |
| 245 | 12 | 17.9 | 89 | 9 | BX654832 | BX654832 | Arabidops |
| c 246 | 12 | 17.9 | 89 | 9 | BX895901 | BX895901 | Arabidops |
| c 247 | 12 | 17.9 | 89 | 9 | CC793662 | CC793662 | SALK_0171 |
| c 248 | 12 | 17.9 | 89 | 9 | CC886334 | CC886334 | SALK_1484 |
| 249 | 12 | 17.9 | 90 | 1 | AU254280 | AU254280 | AU254280 |
| 250 | 12 | 17.9 | 90 | 8 | BH614718 | BH614718 | 7k11 LL18 |
| c 251 | 12 | 17.9 | 90 | 8 | BZ660533 | BZ660533 | SALK_0239 |
| 252 | 12 | 17.9 | 90 | 9 | CC796457 | CC796457 | SALK_1318 |
| 253 | 12 | 17.9 | 90 | 9 | CG481239 | CG481239 | OST13562 |
| 254 | 12 | 17.9 | 91 | 1 | AA853131 | AA853131 | NHTBCae03 |
| 255 | 12 | 17.9 | 91 | 1 | AJ397238 | AJ397238 | AJ397238 |
| c 256 | 12 | 17.9 | 91 | 1 | AV960535 | AV960535 | AV960535 |
| 257 | 12 | 17.9 | 91 | 5 | BQ382501 | BQ382501 | kk51e02.y |
| 258 | 12 | 17.9 | 91 | 5 | BQ475033 | BQ475033 | carabus2f |
| 259 | 12 | 17.9 | 91 | 9 | CR356454 | CR356454 | Arabidops |
| c 260 | 12 | 17.9 | 91 | 9 | CG474293 | CG474293 | OST2219 M |
| c 261 | 12 | 17.9 | 91 | 9 | CG483027 | CG483027 | OST16418 |
| c 262 | 12 | 17.9 | 91 | 9 | CG487300 | CG487300 | OST22762 |
| c 263 | 12 | 17.9 | 91 | 9 | CG488736 | CG488736 | OST24771 |
| c 264 | 12 | 17.9 | 92 | 1 | AA853130 | AA853130 | NHTBCae03 |
| c 265 | 12 | 17.9 | 92 | 1 | AI680319 | AI680319 | tw62d06.x |
| 266 | 12 | 17.9 | 92 | 1 | AJ301305 | AJ301305 | AJ301305 |
| c 267 | 12 | 17.9 | 92 | 4 | BG108835 | BG108835 | HRPE1166 |
| 268 | 12 | 17.9 | 92 | 4 | BG151761 | BG151761 | nag64b04. |
| c 269 | 12 | 17.9 | 92 | 6 | CB218737 | CB218737 | NISC_nb10 |
| c 270 | 12 | 17.9 | 93 | 1 | AA947462 | AA947462 | ok20f05.s |
| c 271 | 12 | 17.9 | 93 | 6 | CA803817 | CA803817 | ESG0110d. |
| c 272 | 12 | 17.9 | 93 | 9 | BX960103 | BX960103 | Forward s |
| c 273 | 12 | 17.9 | 94 | 2 | AW244046 | AW244046 | xa50c03.x |
| c 274 | 12 | 17.9 | 94 | 2 | AW571924 | AW571924 | xx41h07.x |
| 275 | 12 | 17.9 | 94 | 8 | AQ810493 | AQ810493 | 5CDG268 C |
| c 276 | 12 | 17.9 | 94 | 8 | BH910288 | BH910288 | SALK_0587 |
| c 277 | 12 | 17.9 | 95 | 1 | AA511498 | AA511498 | vj28a04.r |
| 278 | 12 | 17.9 | 95 | 2 | BF634766 | BF634766 | NF069F12D |
| c 279 | 12 | 17.9 | 95 | 7 | CN850462 | CN850462 | 000918AAF |
| c 280 | 12 | 17.9 | 95 | 7 | CO516070 | CO516070 | s13dSG64G |
| 281 | 12 | 17.9 | 95 | 7 | CR393858 | CR393858 | CR393858 |
| c 282 | 12 | 17.9 | 95 | 7 | T17613 | T17613 | mps v367 Th |
| 283 | 12 | 17.9 | 96 | 5 | BQ442058 | BQ442058 | Fr 98/99 |
| 284 | 12 | 17.9 | 96 | 6 | CB934747 | CB934747 | laa43f05. |
| c 285 | 12 | 17.9 | 96 | 7 | CN851194 | CN851194 | 001001AAF |
| 286 | 12 | 17.9 | 96 | 7 | CO582119 | CO582119 | ILLUMIGEN |
| c 287 | 12 | 17.9 | 96 | 7 | R84882 | R84882 | yq27g03.r1 |
| 288 | 12 | 17.9 | 96 | 8 | CC457346 | CC457346 | SALK_1092 |
| 289 | 12 | 17.9 | 96 | 9 | CG651262 | CG651262 | OST411993 |
| c 290 | 12 | 17.9 | 97 | 1 | AI471280 | AI471280 | tm09d11.x |
| 291 | 12 | 17.9 | 97 | 8 | AZ437638 | AZ437638 | 1M0226J10 |
| 292 | 12 | 17.9 | 97 | 8 | BZ378901 | BZ378901 | SALK_1121 |
| c 293 | 12 | 17.9 | 97 | 9 | BX895902 | BX895902 | Arabidops |
| c 294 | 12 | 17.9 | 98 | 1 | AA762980 | AA762980 | vw58e02.r |

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| c 295 | 12 | 17.9 | 98 | 1 | AA629921 | AA629921 | ad45f02.s |
| 296 | 12 | 17.9 | 98 | 2 | AW337410 | AW337410 | xx56d04.x |
| c 297 | 12 | 17.9 | 98 | 7 | CN850868 | CN850868 | 001001AAF |
| c 298 | 12 | 17.9 | 98 | 7 | CN852083 | CN852083 | 020812AAF |
| c 299 | 12 | 17.9 | 98 | 8 | AZ345645 | AZ345645 | 1M0080K19 |
| 300 | 12 | 17.9 | 98 | 9 | CR073384 | CR073384 | Forward s |
| c 301 | 12 | 17.9 | 99 | 1 | AA771342 | AA771342 | vm43c07.r |
| 302 | 12 | 17.9 | 99 | 1 | AI707833 | AI707833 | as25e11.x |
| 303 | 12 | 17.9 | 99 | 2 | BF580578 | BF580578 | 602097387 |
| c 304 | 12 | 17.9 | 99 | 4 | BG236505 | BG236505 | nai44c09. |
| 305 | 12 | 17.9 | 99 | 4 | BG894372 | BG894372 | rk51h04.y |
| 306 | 12 | 17.9 | 99 | 5 | BQ089393 | BQ089393 | ko26a08.y |
| 307 | 12 | 17.9 | 99 | 6 | CB220615 | CB220615 | 1Abo24D05 |
| c 308 | 12 | 17.9 | 99 | 7 | CF350660 | CF350660 | rl53f07.y |
| 309 | 12 | 17.9 | 99 | 8 | AZ807257 | AZ807257 | 2M0070B01 |
| c 310 | 12 | 17.9 | 99 | 9 | AL769171 | AL769171 | Arabidops |
| 311 | 12 | 17.9 | 99 | 9 | CL308965 | CL308965 | 03S0472-1 |
| 312 | 12 | 17.9 | 100 | 1 | AJ399086 | AJ399086 | AJ399086 |
| c 313 | 12 | 17.9 | 100 | 1 | AL506210 | AL506210 | AL506210 |
| 314 | 12 | 17.9 | 100 | 1 | AA623836 | AA623836 | vq69g02.s |
| 315 | 12 | 17.9 | 100 | 2 | BF664362 | BF664362 | 602146021 |
| 316 | 12 | 17.9 | 100 | 2 | BE619777 | BE619777 | 601472988 |
| 317 | 12 | 17.9 | 100 | 5 | BP427302 | BP427302 | BP427302 |
| c 318 | 12 | 17.9 | 100 | 5 | BP725247 | BP725247 | BP725247 |
| 319 | 12 | 17.9 | 100 | 7 | CF475037 | CF475037 | RTWW2_5_G |
| 320 | 11 | 16.4 | 21 | 1 | AU258344 | AU258344 | AU258344 |
| 321 | 11 | 16.4 | 23 | 9 | AJ587964 | AJ587964 | Arabidops |
| c 322 | 11 | 16.4 | 24 | 8 | AZ642209 | AZ642209 | 1M0505E12 |
| c 323 | 11 | 16.4 | 24 | 8 | BH864184 | BH864184 | SALK_0955 |
| 324 | 11 | 16.4 | 25 | 6 | C00789 | C00789 | HUMGS000262 |
| 325 | 11 | 16.4 | 25 | 8 | AZ345473 | AZ345473 | 1M0080P08 |
| c 326 | 11 | 16.4 | 27 | 6 | C00742 | C00742 | HUMGS000830 |
| 327 | 11 | 16.4 | 27 | 6 | C01445 | C01445 | HUMGS000843 |
| 328 | 11 | 16.4 | 27 | 6 | CD576920 | CD576920 | 21_B03_21 |
| c 329 | 11 | 16.4 | 27 | 8 | AZ949222 | AZ949222 | 2M0212A12 |
| c 330 | 11 | 16.4 | 27 | 8 | AZ970619 | AZ970619 | 2M0243M18 |
| 331 | 11 | 16.4 | 29 | 8 | BZ664363 | BZ664363 | SALK_0706 |
| c 332 | 11 | 16.4 | 29 | 9 | CG711811 | CG711811 | 1119022H0 |
| 333 | 11 | 16.4 | 30 | 9 | AJ587107 | AJ587107 | Arabidops |
| c 334 | 11 | 16.4 | 32 | 8 | AZ581933 | AZ581933 | 1M0374F11 |
| 335 | 11 | 16.4 | 33 | 1 | AU254805 | AU254805 | AU254805 |
| c 336 | 11 | 16.4 | 33 | 8 | BH863245 | BH863245 | SALK_0934 |
| 337 | 11 | 16.4 | 34 | 1 | AA972865 | AA972865 | op20g03.s |
| c 338 | 11 | 16.4 | 34 | 8 | AZ769368 | AZ769368 | 1M0569O22 |
| c 339 | 11 | 16.4 | 34 | 8 | BH791084 | BH791084 | SALK_0587 |
| c 340 | 11 | 16.4 | 34 | 9 | CC795019 | CC795019 | SALK_0613 |
| c 341 | 11 | 16.4 | 35 | 8 | AZ655091 | AZ655091 | 1M0529D21 |
| c 342 | 11 | 16.4 | 36 | 9 | AG193844 | AG193844 | Pan trogl |
| 343 | 11 | 16.4 | 37 | 1 | AU258666 | AU258666 | AU258666 |
| c 344 | 11 | 16.4 | 39 | 1 | AV833438 | AV833438 | AV833438 |
| 345 | 11 | 16.4 | 39 | 9 | AL948203 | AL948203 | Arabidops |
| c 346 | 11 | 16.4 | 39 | 9 | CR360589 | CR360589 | Arabidops |
| 347 | 11 | 16.4 | 40 | 8 | BZ588133 | BZ588133 | 3590_1_5_ |
| 348 | 11 | 16.4 | 41 | 8 | AZ310071 | AZ310071 | 1M0018G17 |
| 349 | 11 | 16.4 | 41 | 8 | AZ588779 | AZ588779 | 1M0397P15 |
| 350 | 11 | 16.4 | 41 | 9 | BX654187 | BX654187 | Arabidops |
| c 351 | 11 | 16.4 | 41 | 9 | CG778199 | CG778199 | 1123026G0 |

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| 352 | 11 | 16.4 | 42 | 6 | C21085 | C21085 HUMGS000260 |
| 353 | 11 | 16.4 | 42 | 8 | BZ664437 | BZ664437 SALK_0712 |
| 354 | 11 | 16.4 | 42 | 9 | CC795164 | CC795164 SALK_0711 |
| 355 | 11 | 16.4 | 42 | 9 | CC885717 | CC885717 SALK_1477 |
| c 356 | 11 | 16.4 | 43 | 9 | TA313D07Q | AL490235 T. brucei |
| 357 | 11 | 16.4 | 44 | 8 | BH906436 | BH906436 SALK_1099 |
| 358 | 11 | 16.4 | 45 | 8 | BZ763082 | BZ763082 SALK_1119 |
| 359 | 11 | 16.4 | 45 | 9 | AJ588786 | AJ588786 Arabidops |
| 360 | 11 | 16.4 | 46 | 1 | AU255065 | AU255065 AU255065 |
| c 361 | 11 | 16.4 | 46 | 8 | BH901189 | BH901189 SALK_0735 |
| 362 | 11 | 16.4 | 47 | 1 | AU255595 | AU255595 AU255595 |
| 363 | 11 | 16.4 | 47 | 9 | BX652094 | BX652094 Arabidops |
| 364 | 11 | 16.4 | 49 | 1 | AA699360 | AA699360 zi33a06.s |
| c 365 | 11 | 16.4 | 49 | 1 | AI279722 | AI279722 ql53g01.x |
| 366 | 11 | 16.4 | 49 | 1 | AU258981 | AU258981 AU258981 |
| 367 | 11 | 16.4 | 49 | 8 | BH621371 | BH621371 1007120E0 |
| c 368 | 11 | 16.4 | 49 | 8 | BH790230 | BH790230 SALK_0566 |
| 369 | 11 | 16.4 | 49 | 9 | BX949492 | BX949492 Arabidops |
| 370 | 11 | 16.4 | 50 | 1 | AU102849 | AU102849 AU102849 |
| c 371 | 11 | 16.4 | 50 | 1 | AU104916 | AU104916 AU104916 |
| c 372 | 11 | 16.4 | 50 | 6 | CB219486 | CB219486 vaa06e10. |
| c 373 | 11 | 16.4 | 50 | 6 | CD744647 | CD744647 IRB16_G02 |
| 374 | 11 | 16.4 | 50 | 8 | AZ510070 | AZ510070 1M0354L14 |
| 375 | 11 | 16.4 | 50 | 8 | BH230218 | BH230218 1006156G0 |
| 376 | 11 | 16.4 | 50 | 8 | BH642560 | BH642560 1008041G0 |
| 377 | 11 | 16.4 | 50 | 8 | BH812244 | BH812244 SALK_0614 |
| 378 | 11 | 16.4 | 50 | 8 | BH903784 | BH903784 SALK_1033 |
| c 379 | 11 | 16.4 | 50 | 9 | CC795807 | CC795807 SALK_0883 |
| c 380 | 11 | 16.4 | 51 | 2 | BE978061 | BE978061 bs73c08.y |
| c 381 | 11 | 16.4 | 51 | 4 | BJ064587 | BJ064587 BJ064587 |
| c 382 | 11 | 16.4 | 51 | 8 | AZ310570 | AZ310570 1M0025P06 |
| 383 | 11 | 16.4 | 52 | 4 | BI476972 | BI476972 daa87b05. |
| 384 | 11 | 16.4 | 52 | 7 | CN566433 | CN566433 taf92e03. |
| 385 | 11 | 16.4 | 52 | 9 | AJ594763 | AJ594763 Arabidops |
| 386 | 11 | 16.4 | 52 | 9 | CR091731 | CR091731 Forward s |
| 387 | 11 | 16.4 | 53 | 1 | AU256686 | AU256686 AU256686 |
| 388 | 11 | 16.4 | 53 | 1 | AV856293 | AV856293 AV856293 |
| 389 | 11 | 16.4 | 53 | 7 | CN922426 | CN922426 000410AEL |
| 390 | 11 | 16.4 | 53 | 7 | N63357 | N63357 yz34d12.s1 |
| c 391 | 11 | 16.4 | 53 | 9 | CC796853 | CC796853 SALK_1441 |
| c 392 | 11 | 16.4 | 54 | 8 | BH632003 | BH632003 1007093D1 |
| 393 | 11 | 16.4 | 54 | 8 | BH846951 | BH846951 SALK_0121 |
| c 394 | 11 | 16.4 | 54 | 8 | BZ381447 | BZ381447 SALK_1167 |
| c 395 | 11 | 16.4 | 54 | 9 | AL752555 | AL752555 Arabidops |
| c 396 | 11 | 16.4 | 55 | 8 | BH863820 | BH863820 SALK_0946 |
| 397 | 11 | 16.4 | 55 | 8 | BH908932 | BH908932 SALK_0513 |
| c 398 | 11 | 16.4 | 55 | 8 | BZ596362 | BZ596362 SALK_0924 |
| c 399 | 11 | 16.4 | 55 | 9 | DME545268 | AJ545268 Drosophil |
| c 400 | 11 | 16.4 | 55 | 9 | DME547482 | AJ547482 Drosophil |
| 401 | 11 | 16.4 | 56 | 1 | AA761128 | AA761128 nz11e03.s |
| c 402 | 11 | 16.4 | 56 | 4 | BG731277 | BG731277 dae13a09. |
| 403 | 11 | 16.4 | 56 | 5 | BU441451 | BU441451 604143441 |
| c 404 | 11 | 16.4 | 56 | 7 | CF358797 | CF358797 rl50h06.y |
| 405 | 11 | 16.4 | 56 | 8 | AZ495431 | AZ495431 1M0331C20 |
| c 406 | 11 | 16.4 | 56 | 8 | BH908897 | BH908897 SALK_0511 |
| 407 | 11 | 16.4 | 56 | 8 | BZ593248 | BZ593248 SALK_0682 |
| 408 | 11 | 16.4 | 56 | 8 | BZ770420 | BZ770420 SALK_1433 |

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| c 409 | 11 | 16.4 | 56 | 9 | CR178198 | CR178198 Forward s |
| c 410 | 11 | 16.4 | 57 | 2 | AW059789 | AW059789 LE5f05.yg |
| c 411 | 11 | 16.4 | 57 | 4 | BI745330 | BI745330 rk99b01.y |
| 412 | 11 | 16.4 | 57 | 4 | BM873976 | BM873976 laa10c06. |
| 413 | 11 | 16.4 | 57 | 6 | CB064615 | CB064615 py10c02.y |
| 414 | 11 | 16.4 | 57 | 7 | D18197 | D18197 MUSGS00466 |
| 415 | 11 | 16.4 | 57 | 8 | BZ356582 | BZ356582 SALK_1293 |
| c 416 | 11 | 16.4 | 57 | 9 | BX946193 | BX946193 Arabidops |
| 417 | 11 | 16.4 | 57 | 9 | CG732055 | CG732055 1119145H1 |
| c 418 | 11 | 16.4 | 58 | 1 | AI276472 | AI276472 ql71c10.x |
| 419 | 11 | 16.4 | 58 | 1 | AI907115 | AI907115 RC-BT132- |
| 420 | 11 | 16.4 | 58 | 1 | AI941369 | AI941369 sc12d01.y |
| c 421 | 11 | 16.4 | 58 | 2 | AW513497 | AW513497 xo46b05.x |
| c 422 | 11 | 16.4 | 58 | 4 | BI327689 | BI327689 602979808 |
| c 423 | 11 | 16.4 | 58 | 5 | BX764213 | BX764213 BX764213 |
| 424 | 11 | 16.4 | 58 | 6 | CB374637 | CB374637 ru62c08.y |
| c 425 | 11 | 16.4 | 58 | 8 | BH862725 | BH862725 SALK_0903 |
| 426 | 11 | 16.4 | 59 | 1 | AA590271 | AA590271 vm19e07.r |
| c 427 | 11 | 16.4 | 59 | 2 | AW059752 | AW059752 LE3c09.yg |
| 428 | 11 | 16.4 | 59 | 7 | D20637 | D20637 HUMGS01612 |
| c 429 | 11 | 16.4 | 59 | 8 | BZ596027 | BZ596027 SALK_0906 |
| 430 | 11 | 16.4 | 59 | 9 | CR404318 | CR404318 Arabidops |
| c 431 | 11 | 16.4 | 60 | 1 | AI682494 | AI682494 wc54a08.x |
| c 432 | 11 | 16.4 | 60 | 1 | AV773691 | AV773691 AV773691 |
| 433 | 11 | 16.4 | 60 | 2 | AW248714 | AW248714 2820821.3 |
| 434 | 11 | 16.4 | 60 | 8 | AZ458010 | AZ458010 1M0261K07 |
| c 435 | 11 | 16.4 | 60 | 8 | BH811803 | BH811803 SALK_0601 |
| c 436 | 11 | 16.4 | 60 | 8 | BZ355564 | BZ355564 SALK_1269 |
| 437 | 11 | 16.4 | 60 | 9 | BX895086 | BX895086 Arabidops |
| 438 | 11 | 16.4 | 60 | 9 | CR401154 | CR401154 Arabidops |
| 439 | 11 | 16.4 | 61 | 1 | AA666998 | AA666998 vq87h06.r |
| c 440 | 11 | 16.4 | 61 | 1 | AA910977 | AA910977 ok67c08.s |
| 441 | 11 | 16.4 | 61 | 1 | AI048749 | AI048749 ub32a04.r |
| 442 | 11 | 16.4 | 61 | 1 | AI086242 | AI086242 ox11g12.s |
| 443 | 11 | 16.4 | 61 | 1 | AI571504 | AI571504 tr85a04.x |
| c 444 | 11 | 16.4 | 61 | 1 | AI829969 | AI829969 wj85b06.x |
| 445 | 11 | 16.4 | 61 | 6 | CF050608 | CF050608 QCM14h08. |
| 446 | 11 | 16.4 | 61 | 6 | CF054065 | CF054065 QCN24e02. |
| 447 | 11 | 16.4 | 61 | 9 | AJ593955 | AJ593955 Arabidops |
| 448 | 11 | 16.4 | 61 | 9 | AJ599061 | AJ599061 Arabidops |
| c 449 | 11 | 16.4 | 61 | 9 | BX892788 | BX892788 Arabidops |
| 450 | 11 | 16.4 | 62 | 4 | BM130118 | BM130118 pb26g11.y |
| 451 | 11 | 16.4 | 62 | 6 | CF043156 | CF043156 QCJ13b10. |
| c 452 | 11 | 16.4 | 62 | 6 | CF328447 | CF328447 NACL--03- |
| 453 | 11 | 16.4 | 62 | 7 | D20626 | D20626 HUMGS01601 |
| 454 | 11 | 16.4 | 62 | 8 | BH790736 | BH790736 SALK_0577 |
| c 455 | 11 | 16.4 | 62 | 8 | CC457419 | CC457419 SALK_1098 |
| c 456 | 11 | 16.4 | 62 | 9 | AL950057 | AL950057 Arabidops |
| c 457 | 11 | 16.4 | 63 | 1 | AI049919 | AI049919 an34e01.x |
| 458 | 11 | 16.4 | 63 | 5 | BQ298903 | BQ298903 sao52c12. |
| c 459 | 11 | 16.4 | 63 | 5 | BX747878 | BX747878 BX747878 |
| 460 | 11 | 16.4 | 63 | 8 | AZ467351 | AZ467351 1M0278K12 |
| c 461 | 11 | 16.4 | 63 | 8 | AZ928780 | AZ928780 479.dif18 |
| c 462 | 11 | 16.4 | 63 | 9 | AL938322 | AL938322 Arabidops |
| 463 | 11 | 16.4 | 63 | 9 | BX946247 | BX946247 Arabidops |
| 464 | 11 | 16.4 | 64 | 1 | AI120363 | AI120363 ub67g07.r |
| 465 | 11 | 16.4 | 64 | 1 | AU254404 | AU254404 AU254404 |

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| c 466 | 11 | 16.4 | 64 | 2 | BF219645 | BF219645 | SWOvL3CAN |
| 467 | 11 | 16.4 | 64 | 6 | CA330916 | CA330916 | haa94b04. |
| c 468 | 11 | 16.4 | 64 | 6 | CF017541 | CF017541 | QBM25e10. |
| 469 | 11 | 16.4 | 64 | 8 | B01791 | B01791 | cSRL-140G10 |
| c 470 | 11 | 16.4 | 65 | 1 | AA926667 | AA926667 | om28d08.s |
| c 471 | 11 | 16.4 | 65 | 1 | AI148648 | AI148648 | qc69a09.x |
| c 472 | 11 | 16.4 | 65 | 1 | AI242709 | AI242709 | qt86b06.x |
| c 473 | 11 | 16.4 | 65 | 1 | AJ690514 | AJ690514 | AJ690514 |
| c 474 | 11 | 16.4 | 65 | 2 | AW337290 | AW337290 | xw83b03.x |
| c 475 | 11 | 16.4 | 65 | 4 | BI558013 | BI558013 | 603240721 |
| 476 | 11 | 16.4 | 65 | 5 | BU698937 | BU698937 | SA50M22-7 |
| 477 | 11 | 16.4 | 65 | 5 | BX748118 | BX748118 | BX748118 |
| 478 | 11 | 16.4 | 65 | 8 | AZ603214 | AZ603214 | 1M0422G23 |
| c 479 | 11 | 16.4 | 65 | 8 | BH850204 | BH850204 | SALK_0709 |
| 480 | 11 | 16.4 | 65 | 8 | BH907128 | BH907128 | SALK_0383 |
| c 481 | 11 | 16.4 | 65 | 9 | BX150808 | BX150808 | Danio rer |
| 482 | 11 | 16.4 | 65 | 9 | BX194709 | BX194709 | Danio rer |
| 483 | 11 | 16.4 | 65 | 9 | BX650409 | BX650409 | Arabidops |
| c 484 | 11 | 16.4 | 66 | 1 | AA885769 | AA885769 | nx23f07.s |
| c 485 | 11 | 16.4 | 66 | 1 | AI916459 | AI916459 | tz68h12.x |
| 486 | 11 | 16.4 | 66 | 2 | AW827160 | AW827160 | xn06d09.y |
| 487 | 11 | 16.4 | 66 | 7 | CN973180 | CN973180 | 20679_19- |
| 488 | 11 | 16.4 | 66 | 8 | BH791582 | BH791582 | SALK_0606 |
| 489 | 11 | 16.4 | 66 | 9 | AL758757 | AL758757 | Arabidops |
| c 490 | 11 | 16.4 | 66 | 9 | CG634300 | CG634300 | OST355118 |
| 491 | 11 | 16.4 | 66 | 9 | AG188594 | AG188594 | Pan trogl |
| 492 | 11 | 16.4 | 67 | 1 | AJ392707 | AJ392707 | AJ392707 |
| 493 | 11 | 16.4 | 67 | 4 | BM187450 | BM187450 | fw18c09.y |
| c 494 | 11 | 16.4 | 67 | 5 | BX707598 | BX707598 | BX707598 |
| 495 | 11 | 16.4 | 67 | 6 | CB226273 | CB226273 | 1RT32B07 |
| c 496 | 11 | 16.4 | 67 | 7 | CN577864 | CN577864 | rf48h12.x |
| 497 | 11 | 16.4 | 67 | 8 | AZ621073 | AZ621073 | 1M0454M06 |
| 498 | 11 | 16.4 | 67 | 8 | AZ799452 | AZ799452 | 2M0056N20 |
| 499 | 11 | 16.4 | 67 | 8 | BH855508 | BH855508 | SALK_0850 |
| 500 | 11 | 16.4 | 67 | 9 | BX288178 | BX288178 | Arabidops |
| c 501 | 11 | 16.4 | 67 | 9 | CG635495 | CG635495 | OST357964 |
| c 502 | 11 | 16.4 | 68 | 2 | BF507303 | BF507303 | 8184P-9a |
| 503 | 11 | 16.4 | 68 | 5 | BQ794247 | BQ794247 | EST 3185 |
| c 504 | 11 | 16.4 | 68 | 8 | BH904882 | BH904882 | SALK_1052 |
| c 505 | 11 | 16.4 | 68 | 9 | BX893736 | BX893736 | Arabidops |
| 506 | 11 | 16.4 | 68 | 9 | BX949794 | BX949794 | Arabidops |
| 507 | 11 | 16.4 | 68 | 9 | CR399777 | CR399777 | Arabidops |
| 508 | 11 | 16.4 | 68 | 9 | DME545070 | AJ545070 | Drosophil |
| 509 | 11 | 16.4 | 68 | 9 | CG621616 | CG621616 | OST320203 |
| c 510 | 11 | 16.4 | 69 | 1 | AF211747 | AF211747 | AF211747 |
| 511 | 11 | 16.4 | 69 | 1 | AI320307 | AI320307 | c3b01nm.r |
| 512 | 11 | 16.4 | 69 | 1 | AI321194 | AI321194 | d5e08nm.r |
| 513 | 11 | 16.4 | 69 | 1 | AU254426 | AU254426 | AU254426 |
| 514 | 11 | 16.4 | 69 | 1 | AA504014 | AA504014 | nh39g10.s |
| 515 | 11 | 16.4 | 69 | 2 | AW232376 | AW232376 | fj18e09.x |
| 516 | 11 | 16.4 | 69 | 6 | CF147514 | CF147514 | EST DMM02 |
| c 517 | 11 | 16.4 | 69 | 7 | CK621719 | CK621719 | ml27g09.y |
| c 518 | 11 | 16.4 | 69 | 8 | BH215268 | BH215268 | 1006026C0 |
| 519 | 11 | 16.4 | 69 | 9 | BX943047 | BX943047 | Arabidops |
| 520 | 11 | 16.4 | 69 | 9 | TA74C08Q | AL458431 | T. brucei |
| c 521 | 11 | 16.4 | 69 | 9 | CG616302 | CG616302 | OST308283 |
| 522 | 11 | 16.4 | 69 | 9 | CG786037 | CG786037 | CMHD-GT_8 |

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| c 523 | 11 | 16.4 | 70 | 1 | AA776219 | AA776219 | ah10f01.s |
| c 524 | 11 | 16.4 | 70 | 1 | AI119766 | AI119766 | uc20b12.r |
| c 525 | 11 | 16.4 | 70 | 1 | AJ709350 | AJ709350 | AJ709350 |
| 526 | 11 | 16.4 | 70 | 1 | AL632174 | AL632174 | AL632174 |
| c 527 | 11 | 16.4 | 70 | 2 | AW059886 | AW059886 | HuTH.bsst |
| c 528 | 11 | 16.4 | 70 | 5 | BQ133899 | BQ133899 | san53e12. |
| 529 | 11 | 16.4 | 70 | 8 | BH850500 | BH850500 | SALK_0713 |
| 530 | 11 | 16.4 | 70 | 8 | BZ355891 | BZ355891 | SALK_1276 |
| c 531 | 11 | 16.4 | 70 | 9 | CR041972 | CR041972 | Forward s |
| 532 | 11 | 16.4 | 70 | 9 | CR359205 | CR359205 | Arabidops |
| 533 | 11 | 16.4 | 70 | 9 | CR359206 | CR359206 | Arabidops |
| 534 | 11 | 16.4 | 70 | 9 | CG652089 | CG652089 | OST414514 |
| c 535 | 11 | 16.4 | 70 | 9 | CG803648 | CG803648 | 1118044F1 |
| c 536 | 11 | 16.4 | 71 | 2 | BF644520 | BF644520 | NF014E03E |
| 537 | 11 | 16.4 | 71 | 5 | BQ548164 | BQ548164 | rd21c03.y |
| 538 | 11 | 16.4 | 71 | 6 | C02508 | C02508 | HUMGS001240 |
| c 539 | 11 | 16.4 | 71 | 6 | CF328386 | CF328386 | NACL--03- |
| 540 | 11 | 16.4 | 71 | 8 | BH857496 | BH857496 | SALK_0724 |
| 541 | 11 | 16.4 | 71 | 8 | BZ748819 | BZ748819 | EY01356-3 |
| 542 | 11 | 16.4 | 71 | 9 | BX656606 | BX656606 | Arabidops |
| 543 | 11 | 16.4 | 71 | 9 | DR11B16T | AL734780 | Danio rer |
| 544 | 11 | 16.4 | 71 | 9 | CC886005 | CC886005 | SALK_1480 |
| 545 | 11 | 16.4 | 72 | 6 | CA394299 | CA394299 | cs49h07.y |
| 546 | 11 | 16.4 | 72 | 6 | CB099757 | CB099757 | py16f02.y |
| 547 | 11 | 16.4 | 72 | 6 | CB191753 | CB191753 | py36d02.y |
| 548 | 11 | 16.4 | 72 | 8 | BZ356980 | BZ356980 | SALK_1300 |
| 549 | 11 | 16.4 | 72 | 9 | AL768503 | AL768503 | Arabidops |
| c 550 | 11 | 16.4 | 72 | 9 | BX534001 | BX534001 | Arabidops |
| c 551 | 11 | 16.4 | 72 | 9 | CC794540 | CC794540 | SALK_0509 |
| 552 | 11 | 16.4 | 72 | 9 | CC884562 | CC884562 | SALK_1138 |
| 553 | 11 | 16.4 | 72 | 9 | CG656339 | CG656339 | OST428636 |
| 554 | 11 | 16.4 | 73 | 1 | AA928788 | AA928788 | on98f01.s |
| 555 | 11 | 16.4 | 73 | 1 | AL780490 | AL780490 | AL780490 |
| c 556 | 11 | 16.4 | 73 | 6 | CA995995 | CA995995 | rg09a03.y |
| c 557 | 11 | 16.4 | 73 | 8 | BH865567 | BH865567 | SALK_0989 |
| c 558 | 11 | 16.4 | 73 | 8 | BH910588 | BH910588 | SALK_0604 |
| c 559 | 11 | 16.4 | 73 | 8 | BZ770736 | BZ770736 | SALK_1436 |
| c 560 | 11 | 16.4 | 73 | 9 | CG563345 | CG563345 | OST186546 |
| c 561 | 11 | 16.4 | 73 | 9 | CG583342 | CG583342 | OST225361 |
| c 562 | 11 | 16.4 | 73 | 9 | CG634529 | CG634529 | OST355690 |
| 563 | 11 | 16.4 | 73 | 9 | AG203078 | AG203078 | Pan trogl |
| 564 | 11 | 16.4 | 74 | 1 | AL678687 | AL678687 | AL678687 |
| c 565 | 11 | 16.4 | 74 | 6 | CB277597 | CB277597 | ks37e08.y |
| 566 | 11 | 16.4 | 74 | 6 | CD011777 | CD011777 | VVB021D05 |
| c 567 | 11 | 16.4 | 74 | 8 | AZ812538 | AZ812538 | 2M0079G18 |
| 568 | 11 | 16.4 | 74 | 9 | CG508697 | CG508697 | OST59413 |
| 569 | 11 | 16.4 | 75 | 1 | AL779972 | AL779972 | AL779972 |
| 570 | 11 | 16.4 | 75 | 1 | AU258600 | AU258600 | AU258600 |
| c 571 | 11 | 16.4 | 75 | 2 | BF641409 | BF641409 | NF062D07I |
| 572 | 11 | 16.4 | 75 | 2 | AW689427 | AW689427 | NF019B03S |
| 573 | 11 | 16.4 | 75 | 4 | BI437024 | BI437024 | gb93e08.y |
| 574 | 11 | 16.4 | 75 | 6 | C21058 | C21058 | HUMGS000256 |
| 575 | 11 | 16.4 | 75 | 6 | CB916756 | CB916756 | VVD113G06 |
| 576 | 11 | 16.4 | 75 | 7 | D20611 | D20611 | HUMGS01586 |
| 577 | 11 | 16.4 | 75 | 8 | BH909519 | BH909519 | SALK_0542 |
| c 578 | 11 | 16.4 | 75 | 8 | BZ353139 | BZ353139 | SALK_1198 |
| 579 | 11 | 16.4 | 75 | 9 | CR404319 | CR404319 | Arabidops |

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|-------|----|------|----|---|-----------|----------|-------------|
| 580 | 11 | 16.4 | 75 | 9 | PCH303663 | AJ303663 | Plasmodiu |
| 581 | 11 | 16.4 | 76 | 1 | AA869338 | AA869338 | vq50g11.r |
| c 582 | 11 | 16.4 | 76 | 1 | AA887317 | AA887317 | oj40f07.s |
| c 583 | 11 | 16.4 | 76 | 4 | BG939570 | BG939570 | cr57h02.x |
| 584 | 11 | 16.4 | 76 | 5 | BQ096104 | BQ096104 | kk14d10.y |
| 585 | 11 | 16.4 | 76 | 6 | CB262743 | CB262743 | 49-E8977- |
| c 586 | 11 | 16.4 | 76 | 7 | CN755192 | CN755192 | ID0AAA15A |
| c 587 | 11 | 16.4 | 76 | 8 | BH791176 | BH791176 | SALK_0588 |
| c 588 | 11 | 16.4 | 76 | 8 | BH857840 | BH857840 | SALK_0874 |
| c 589 | 11 | 16.4 | 76 | 8 | BH857846 | BH857846 | SALK_0874 |
| 590 | 11 | 16.4 | 76 | 8 | BH863441 | BH863441 | SALK_0938 |
| 591 | 11 | 16.4 | 76 | 8 | CC060298 | CC060298 | EY04031-3 |
| 592 | 11 | 16.4 | 76 | 9 | AL940453 | AL940453 | Arabidops |
| 593 | 11 | 16.4 | 76 | 9 | CC796851 | CC796851 | SALK_1441 |
| c 594 | 11 | 16.4 | 76 | 9 | CG506182 | CG506182 | OST55565 |
| c 595 | 11 | 16.4 | 77 | 1 | AI628528 | AI628528 | ty95a12.x |
| 596 | 11 | 16.4 | 77 | 1 | AI924463 | AI924463 | wn56d09.x |
| 597 | 11 | 16.4 | 77 | 1 | AL784455 | AL784455 | AL784455 |
| c 598 | 11 | 16.4 | 77 | 4 | BG059074 | BG059074 | nah44e11. |
| 599 | 11 | 16.4 | 77 | 4 | BI493760 | BI493760 | df105c05. |
| 600 | 11 | 16.4 | 77 | 8 | AZ483071 | AZ483071 | 1M0308F05 |
| c 601 | 11 | 16.4 | 77 | 9 | CR066626 | CR066626 | Forward s |
| c 602 | 11 | 16.4 | 77 | 9 | TA290H04P | AL487976 | T. brucei |
| 603 | 11 | 16.4 | 77 | 9 | CG614126 | CG614126 | OST302103 |
| 604 | 11 | 16.4 | 77 | 9 | CL002207 | CL002207 | 02S0069-0 |
| c 605 | 11 | 16.4 | 78 | 4 | BI965985 | BI965985 | ie71b09.x |
| c 606 | 11 | 16.4 | 78 | 4 | BI965992 | BI965992 | ie71d03.x |
| 607 | 11 | 16.4 | 78 | 5 | BQ852672 | BQ852672 | QGB18K16. |
| 608 | 11 | 16.4 | 78 | 5 | BQ854518 | BQ854518 | QGB23H19. |
| 609 | 11 | 16.4 | 78 | 5 | BU095033 | BU095033 | rf61e02.y |
| c 610 | 11 | 16.4 | 78 | 8 | AZ495859 | AZ495859 | 1M0331P23 |
| 611 | 11 | 16.4 | 78 | 8 | AZ765884 | AZ765884 | 1M0563M04 |
| c 612 | 11 | 16.4 | 78 | 8 | AZ769946 | AZ769946 | 1M0571C10 |
| c 613 | 11 | 16.4 | 78 | 8 | BH638052 | BH638052 | 1008020B0 |
| c 614 | 11 | 16.4 | 78 | 8 | BZ379141 | BZ379141 | SALK_1129 |
| c 615 | 11 | 16.4 | 78 | 9 | AL945229 | AL945229 | Arabidops |
| 616 | 11 | 16.4 | 78 | 9 | BX662239 | BX662239 | Arabidops |
| c 617 | 11 | 16.4 | 78 | 9 | CR360588 | CR360588 | Arabidops |
| 618 | 11 | 16.4 | 78 | 9 | CC886006 | CC886006 | SALK_1480 |
| 619 | 11 | 16.4 | 78 | 9 | CG607509 | CG607509 | OST286472 |
| 620 | 11 | 16.4 | 78 | 9 | CG669326 | CG669326 | OST466160 |
| c 621 | 11 | 16.4 | 79 | 1 | AI720820 | AI720820 | as67b04.x |
| 622 | 11 | 16.4 | 79 | 2 | AW311411 | AW311411 | sg38h01.y |
| c 623 | 11 | 16.4 | 79 | 5 | BM965630 | BM965630 | kol4g05.y |
| c 624 | 11 | 16.4 | 79 | 6 | CD346390 | CD346390 | EtESTef01 |
| 625 | 11 | 16.4 | 79 | 8 | AZ345547 | AZ345547 | 1M0080C18 |
| 626 | 11 | 16.4 | 79 | 8 | BH901140 | BH901140 | SALK_0732 |
| c 627 | 11 | 16.4 | 79 | 9 | AL752753 | AL752753 | Arabidops |
| c 628 | 11 | 16.4 | 79 | 9 | CR357113 | CR357113 | Arabidops |
| c 629 | 11 | 16.4 | 79 | 9 | CC798568 | CC798568 | SALK_1465 |
| 630 | 11 | 16.4 | 79 | 9 | CG496155 | CG496155 | OST36017 |
| 631 | 11 | 16.4 | 80 | 1 | AB008341 | AB008341 | AB008341 |
| 632 | 11 | 16.4 | 80 | 1 | AI181265 | AI181265 | ub94c01.r |
| 633 | 11 | 16.4 | 80 | 1 | AL785467 | AL785467 | AL785467 |
| 634 | 11 | 16.4 | 80 | 1 | AL801397 | AL801397 | AL801397 |
| 635 | 11 | 16.4 | 80 | 6 | C00612 | C00612 | HUMGS000815 |
| 636 | 11 | 16.4 | 80 | 6 | CB258950 | CB258950 | 52-E01180 |

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| c 637 | 11 | 16.4 | 80 | 7 | CF982420 | CF982420 | maj83c09. |
| 638 | 11 | 16.4 | 80 | 7 | CN922837 | CN922837 | 000411AEL |
| c 639 | 11 | 16.4 | 80 | 7 | CR575862 | CR575862 | CR575862 |
| 640 | 11 | 16.4 | 80 | 8 | AZ595067 | AZ595067 | 1M0407M23 |
| 641 | 11 | 16.4 | 80 | 8 | AZ771588 | AZ771588 | 1M0574G06 |
| 642 | 11 | 16.4 | 80 | 8 | BH757509 | BH757509 | SALK_0563 |
| c 643 | 11 | 16.4 | 80 | 9 | CG494746 | CG494746 | OST33787 |
| 644 | 11 | 16.4 | 80 | 9 | CL523831 | CL523831 | DAL5E11 F |
| 645 | 11 | 16.4 | 81 | 5 | BU002516 | BU002516 | QGG31J08. |
| c 646 | 11 | 16.4 | 81 | 6 | CB190881 | CB190881 | py37b08.y |
| 647 | 11 | 16.4 | 81 | 6 | CD394440 | CD394440 | Gm_ck1414 |
| c 648 | 11 | 16.4 | 81 | 6 | CD967729 | CD967729 | SEY_111 G |
| c 649 | 11 | 16.4 | 81 | 7 | CN564009 | CN564009 | taf95g06. |
| c 650 | 11 | 16.4 | 81 | 8 | BH222332 | BH222332 | 1006106F0 |
| 651 | 11 | 16.4 | 81 | 8 | BH638824 | BH638824 | 1008025B1 |
| c 652 | 11 | 16.4 | 81 | 8 | BH846321 | BH846321 | SALK_0072 |
| c 653 | 11 | 16.4 | 81 | 8 | CC047268 | CC047268 | 3591_1_19 |
| c 654 | 11 | 16.4 | 81 | 9 | AL768885 | AL768885 | Arabidops |
| 655 | 11 | 16.4 | 81 | 9 | CC476374 | CC476374 | CH240_302 |
| 656 | 11 | 16.4 | 82 | 1 | AA707036 | AA707036 | zj32c06.s |
| 657 | 11 | 16.4 | 82 | 1 | AI066811 | AI066811 | MUHO 03 d |
| 658 | 11 | 16.4 | 82 | 1 | AA265579 | AA265579 | mu66g08.r |
| c 659 | 11 | 16.4 | 82 | 1 | AA449271 | AA449271 | zx04f12.s |
| 660 | 11 | 16.4 | 82 | 1 | AA624315 | AA624315 | vm99f09.r |
| c 661 | 11 | 16.4 | 82 | 2 | AW169479 | AW169479 | xj28h03.x |
| 662 | 11 | 16.4 | 82 | 2 | BF101686 | BF101686 | 601753418 |
| 663 | 11 | 16.4 | 82 | 4 | BI665639 | BI665639 | 603289629 |
| c 664 | 11 | 16.4 | 82 | 7 | CN760416 | CN760416 | ID0AAA28B |
| 665 | 11 | 16.4 | 82 | 8 | BZ595257 | BZ595257 | SALK_0863 |
| 666 | 11 | 16.4 | 82 | 9 | AL765858 | AL765858 | Arabidops |
| 667 | 11 | 16.4 | 82 | 9 | CR193671 | CR193671 | Reverse s |
| 668 | 11 | 16.4 | 82 | 9 | CL528826 | CL528826 | HIV60G05. |
| c 669 | 11 | 16.4 | 83 | 1 | AA861990 | AA861990 | oi45g05.s |
| c 670 | 11 | 16.4 | 83 | 1 | AI860292 | AI860292 | wl01c11.x |
| 671 | 11 | 16.4 | 83 | 1 | AJ653079 | AJ653079 | AJ653079 |
| 672 | 11 | 16.4 | 83 | 4 | BI971808 | BI971808 | sag98g03. |
| c 673 | 11 | 16.4 | 83 | 4 | BM502112 | BM502112 | ii33e02.x |
| 674 | 11 | 16.4 | 83 | 6 | CD008399 | CD008399 | VVB074E07 |
| 675 | 11 | 16.4 | 83 | 8 | BZ358061 | BZ358061 | SALK_1318 |
| c 676 | 11 | 16.4 | 83 | 9 | AJ589220 | AJ589220 | Arabidops |
| c 677 | 11 | 16.4 | 84 | 1 | AA665655 | AA665655 | ag69a08.s |
| c 678 | 11 | 16.4 | 84 | 1 | AI080347 | AI080347 | ox80e07.s |
| 679 | 11 | 16.4 | 84 | 6 | CD576908 | CD576908 | 47(2)W-18 |
| 680 | 11 | 16.4 | 84 | 8 | AZ492519 | AZ492519 | 1M0326L09 |
| c 681 | 11 | 16.4 | 84 | 8 | AZ595977 | AZ595977 | 1M0408O22 |
| c 682 | 11 | 16.4 | 84 | 8 | BH851225 | BH851225 | SALK_0726 |
| 683 | 11 | 16.4 | 84 | 8 | BH862489 | BH862489 | SALK_0900 |
| 684 | 11 | 16.4 | 84 | 8 | BZ356592 | BZ356592 | SALK_1293 |
| c 685 | 11 | 16.4 | 84 | 8 | BZ664346 | BZ664346 | SALK_0702 |
| c 686 | 11 | 16.4 | 84 | 8 | CC035978 | CC035978 | 3591_1_77 |
| 687 | 11 | 16.4 | 84 | 9 | AL943342 | AL943342 | Arabidops |
| 688 | 11 | 16.4 | 84 | 9 | CR244446 | CR244446 | Forward s |
| 689 | 11 | 16.4 | 85 | 1 | AA876992 | AA876992 | ny49f05.s |
| c 690 | 11 | 16.4 | 85 | 1 | AI086378 | AI086378 | oz44c01.x |
| c 691 | 11 | 16.4 | 85 | 1 | AI890005 | AI890005 | wm80d09.x |
| c 692 | 11 | 16.4 | 85 | 4 | BM128441 | BM128441 | if14g02.x |
| 693 | 11 | 16.4 | 85 | 4 | BM155955 | BM155955 | fw42e03.y |

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| c 694 | 11 | 16.4 | 85 | 6 | CB064424 | CB064424 | py08a05.y |
| c 695 | 11 | 16.4 | 85 | 6 | CB222407 | CB222407 | 1IL27E06 |
| c 696 | 11 | 16.4 | 85 | 6 | CB857929 | CB857929 | NISC_na11 |
| 697 | 11 | 16.4 | 85 | 6 | CD856371 | CD856371 | DH0AFF28Z |
| c 698 | 11 | 16.4 | 85 | 7 | CN861446 | CN861446 | 001012AAG |
| 699 | 11 | 16.4 | 85 | 8 | AQ025856 | AQ025856 | 1(2)k0811 |
| 700 | 11 | 16.4 | 85 | 8 | BH862479 | BH862479 | SALK_0899 |
| c 701 | 11 | 16.4 | 85 | 8 | BH863436 | BH863436 | SALK_0938 |
| 702 | 11 | 16.4 | 85 | 8 | BH866405 | BH866405 | SALK_1012 |
| c 703 | 11 | 16.4 | 85 | 8 | BH906071 | BH906071 | SALK_1091 |
| 704 | 11 | 16.4 | 85 | 8 | CC457762 | CC457762 | SALK_1121 |
| 705 | 11 | 16.4 | 85 | 9 | CG585372 | CG585372 | OST232721 |
| c 706 | 11 | 16.4 | 85 | 9 | CG647336 | CG647336 | OST395662 |
| c 707 | 11 | 16.4 | 86 | 1 | AI983015 | AI983015 | wt46g10.x |
| c 708 | 11 | 16.4 | 86 | 2 | BE508362 | BE508362 | dc11b12.x |
| 709 | 11 | 16.4 | 86 | 4 | BI704910 | BI704910 | fr59d01.y |
| 710 | 11 | 16.4 | 86 | 5 | BQ456779 | BQ456779 | ke42h12.y |
| c 711 | 11 | 16.4 | 86 | 6 | CD950710 | CD950710 | SAS_110 G |
| 712 | 11 | 16.4 | 86 | 7 | CK116186 | CK116186 | Y021D02 P |
| c 713 | 11 | 16.4 | 86 | 7 | R89806 | R89806 | yp91c10.s1 |
| 714 | 11 | 16.4 | 86 | 8 | BH862483 | BH862483 | SALK_0900 |
| 715 | 11 | 16.4 | 86 | 9 | CR396171 | CR396171 | Arabidops |
| 716 | 11 | 16.4 | 86 | 9 | CL520509 | CL520509 | SAK2E03 F |
| c 717 | 11 | 16.4 | 87 | 1 | AA873258 | AA873258 | oh78h03.s |
| c 718 | 11 | 16.4 | 87 | 1 | AI695348 | AI695348 | wa23e09.x |
| 719 | 11 | 16.4 | 87 | 1 | AI953722 | AI953722 | wq47e12.x |
| c 720 | 11 | 16.4 | 87 | 1 | AA231789 | AA231789 | RZ500.R c |
| 721 | 11 | 16.4 | 87 | 1 | AV530539 | AV530539 | AV530539 |
| 722 | 11 | 16.4 | 87 | 1 | AA546841 | AA546841 | vk67b02.s |
| 723 | 11 | 16.4 | 87 | 5 | BP061067 | BP061067 | BP061067 |
| c 724 | 11 | 16.4 | 87 | 5 | BX682659 | BX682659 | BX682659 |
| c 725 | 11 | 16.4 | 87 | 8 | AZ466245 | AZ466245 | 1M0276L14 |
| c 726 | 11 | 16.4 | 87 | 8 | BH908281 | BH908281 | SALK_0469 |
| 727 | 11 | 16.4 | 87 | 9 | AJ589004 | AJ589004 | Arabidops |
| 728 | 11 | 16.4 | 87 | 9 | BX289855 | BX289855 | Arabidops |
| c 729 | 11 | 16.4 | 87 | 9 | CR005150 | CR005150 | Reverse s |
| c 730 | 11 | 16.4 | 87 | 9 | CG569390 | CG569390 | OST197428 |
| 731 | 11 | 16.4 | 87 | 9 | CG660414 | CG660414 | OST440072 |
| 732 | 11 | 16.4 | 88 | 1 | AA745440 | AA745440 | ny56d07.s |
| 733 | 11 | 16.4 | 88 | 1 | AI506874 | AI506874 | vl56c06.x |
| c 734 | 11 | 16.4 | 88 | 1 | AI702329 | AI702329 | tz37h05.x |
| c 735 | 11 | 16.4 | 88 | 1 | AI953694 | AI953694 | wq47c06.x |
| c 736 | 11 | 16.4 | 88 | 1 | AV770200 | AV770200 | AV770200 |
| 737 | 11 | 16.4 | 88 | 2 | BE507052 | BE507052 | db67c10.y |
| 738 | 11 | 16.4 | 88 | 2 | BE507057 | BE507057 | db67d09.y |
| 739 | 11 | 16.4 | 88 | 4 | BI816291 | BI816291 | PfESToaa3 |
| 740 | 11 | 16.4 | 88 | 5 | BQ565989 | BQ565989 | gi49a04.y |
| c 741 | 11 | 16.4 | 88 | 6 | CB297387 | CB297387 | 12B22037_ |
| c 742 | 11 | 16.4 | 88 | 7 | CF356324 | CF356324 | maj54g11. |
| 743 | 11 | 16.4 | 88 | 7 | CK109525 | CK109525 | N017H07 P |
| c 744 | 11 | 16.4 | 88 | 8 | AZ775101 | AZ775101 | 2M0007C11 |
| 745 | 11 | 16.4 | 88 | 8 | BH746704 | BH746704 | SALK_0001 |
| 746 | 11 | 16.4 | 88 | 9 | BX535922 | BX535922 | Arabidops |
| 747 | 11 | 16.4 | 88 | 9 | CR396173 | CR396173 | Arabidops |
| c 748 | 11 | 16.4 | 88 | 9 | CG493163 | CG493163 | OST31339 |
| 749 | 11 | 16.4 | 88 | 9 | CG510101 | CG510101 | OST61651 |
| 750 | 11 | 16.4 | 88 | 9 | CG635429 | CG635429 | OST357678 |

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| 751 | 11 | 16.4 | 88 | 9 | AG245255 | AG245255 | Lotus cor |
| 752 | 11 | 16.4 | 89 | 1 | AI184856 | AI184856 | qd40h06.x |
| c 753 | 11 | 16.4 | 89 | 1 | AI288183 | AI288183 | ql85c12.x |
| c 754 | 11 | 16.4 | 89 | 1 | AI580821 | AI580821 | ta11b08.x |
| c 755 | 11 | 16.4 | 89 | 1 | AI620558 | AI620558 | tu95c08.x |
| c 756 | 11 | 16.4 | 89 | 1 | AI805684 | AI805684 | tx15f11.x |
| 757 | 11 | 16.4 | 89 | 1 | AA591385 | AA591385 | vi66c06.r |
| 758 | 11 | 16.4 | 89 | 4 | BG970186 | BG970186 | 602839355 |
| 759 | 11 | 16.4 | 89 | 4 | BM893935 | BM893935 | ij32g02.x |
| c 760 | 11 | 16.4 | 89 | 5 | BU897914 | BU897914 | X071G10 P |
| 761 | 11 | 16.4 | 89 | 6 | CF046515 | CF046515 | QCK26f10. |
| 762 | 11 | 16.4 | 89 | 8 | AZ655494 | AZ655494 | 1M0530E19 |
| 763 | 11 | 16.4 | 89 | 8 | BH797027 | BH797027 | 1008086E0 |
| c 764 | 11 | 16.4 | 89 | 8 | BH850450 | BH850450 | SALK_0712 |
| c 765 | 11 | 16.4 | 89 | 9 | BX652092 | BX652092 | Arabidops |
| c 766 | 11 | 16.4 | 89 | 9 | CR358361 | CR358361 | Arabidops |
| 767 | 11 | 16.4 | 89 | 9 | CR405652 | CR405652 | Arabidops |
| c 768 | 11 | 16.4 | 89 | 9 | CG483941 | CG483941 | OST17724 |
| 769 | 11 | 16.4 | 89 | 9 | CG541065 | CG541065 | OST133861 |
| 770 | 11 | 16.4 | 90 | 1 | AA864088 | AA864088 | vx88g07.r |
| c 771 | 11 | 16.4 | 90 | 1 | AI129482 | AI129482 | qc48f04.x |
| c 772 | 11 | 16.4 | 90 | 1 | AI539260 | AI539260 | tp64d08.x |
| c 773 | 11 | 16.4 | 90 | 1 | AV773855 | AV773855 | AV773855 |
| c 774 | 11 | 16.4 | 90 | 4 | BJ053689 | BJ053689 | BJ053689 |
| c 775 | 11 | 16.4 | 90 | 5 | BX694075 | BX694075 | BX694075 |
| c 776 | 11 | 16.4 | 90 | 6 | C81647 | C81647 | C81647 Citr |
| 777 | 11 | 16.4 | 90 | 7 | CF381961 | CF381961 | lab95b05. |
| c 778 | 11 | 16.4 | 90 | 8 | BH406054 | BH406054 | RPCI-23-2 |
| 779 | 11 | 16.4 | 90 | 8 | BZ377884 | BZ377884 | SALK_1063 |
| 780 | 11 | 16.4 | 90 | 8 | BZ383043 | BZ383043 | SALK_1193 |
| 781 | 11 | 16.4 | 90 | 9 | AL940467 | AL940467 | Arabidops |
| c 782 | 11 | 16.4 | 90 | 9 | CR356887 | CR356887 | Arabidops |
| c 783 | 11 | 16.4 | 90 | 9 | CC579120 | CC579120 | CH240_458 |
| c 784 | 11 | 16.4 | 90 | 9 | CG561159 | CG561159 | OST182457 |
| 785 | 11 | 16.4 | 90 | 9 | CG625757 | CG625757 | OST332580 |
| c 786 | 11 | 16.4 | 91 | 1 | AA065987 | AA065987 | ml52c09.r |
| c 787 | 11 | 16.4 | 91 | 1 | AI086512 | AI086512 | oz60c08.x |
| 788 | 11 | 16.4 | 91 | 1 | AI204785 | AI204785 | ZF-EST104 |
| 789 | 11 | 16.4 | 91 | 1 | AJ795865 | AJ795865 | AJ795865 |
| c 790 | 11 | 16.4 | 91 | 1 | AA159431 | AA159431 | zo78e02.r |
| c 791 | 11 | 16.4 | 91 | 2 | AW278228 | AW278228 | sf41d03.y |
| c 792 | 11 | 16.4 | 91 | 2 | BE057279 | BE057279 | sm99h11.y |
| c 793 | 11 | 16.4 | 91 | 4 | BI700058 | BI700058 | sag59d07. |
| c 794 | 11 | 16.4 | 91 | 5 | BX252403 | BX252403 | BX252403 |
| 795 | 11 | 16.4 | 91 | 7 | CK108699 | CK108699 | I061P18 P |
| c 796 | 11 | 16.4 | 91 | 7 | T96074 | T96074 | ye47a12.s1 |
| 797 | 11 | 16.4 | 91 | 8 | BH754088 | BH754088 | SALK_0366 |
| c 798 | 11 | 16.4 | 91 | 8 | BH857491 | BH857491 | SALK_0725 |
| 799 | 11 | 16.4 | 91 | 9 | CNS03BVX | AL237030 | Tetraodon |
| c 800 | 11 | 16.4 | 91 | 9 | CR175658 | CR175658 | Forward s |
| c 801 | 11 | 16.4 | 91 | 9 | CG593073 | CG593073 | OST249887 |
| c 802 | 11 | 16.4 | 92 | 1 | AA682396 | AA682396 | zj86c10.s |
| 803 | 11 | 16.4 | 92 | 1 | AA713605 | AA713605 | nv70g01.s |
| 804 | 11 | 16.4 | 92 | 1 | AA197766 | AA197766 | mv03g05.r |
| c 805 | 11 | 16.4 | 92 | 1 | AL847426 | AL847426 | AL847426 |
| 806 | 11 | 16.4 | 92 | 6 | CB918324 | CB918324 | VVD031E06 |
| 807 | 11 | 16.4 | 92 | 7 | CN562014 | CN562014 | tag27b04. |

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| 808 | 11 | 16.4 | 92 | 7 | D86808 | D86808 D86808 Rat |
| 809 | 11 | 16.4 | 92 | 8 | BH755835 | BH755835 SALK_0522 |
| c 810 | 11 | 16.4 | 92 | 8 | BH809835 | BH809835 SALK_0062 |
| c 811 | 11 | 16.4 | 92 | 8 | BH847318 | BH847318 SALK_0523 |
| 812 | 11 | 16.4 | 92 | 9 | CG509894 | CG509894 OST61318 |
| 813 | 11 | 16.4 | 92 | 9 | CG641474 | CG641474 OST376377 |
| c 814 | 11 | 16.4 | 92 | 9 | CG715618 | CG715618 1119042F0 |
| c 815 | 11 | 16.4 | 92 | 9 | AG194421 | AG194421 Pan trogl |
| 816 | 11 | 16.4 | 93 | 1 | AI204798 | AI204798 ZF-EST118 |
| c 817 | 11 | 16.4 | 93 | 1 | AA125775 | AA125775 zl92h09.s |
| c 818 | 11 | 16.4 | 93 | 1 | AI612177 | AI612177 AEMTBC37 |
| c 819 | 11 | 16.4 | 93 | 1 | AI991747 | AI991747 wt48d09.x |
| c 820 | 11 | 16.4 | 93 | 1 | AA281609 | AA281609 zt03a08.s |
| c 821 | 11 | 16.4 | 93 | 2 | AW073030 | AW073030 xa61f04.x |
| 822 | 11 | 16.4 | 93 | 2 | AW246479 | AW246479 2821875.3 |
| c 823 | 11 | 16.4 | 93 | 4 | BJ016101 | BJ016101 BJ016101 |
| c 824 | 11 | 16.4 | 93 | 5 | BX741929 | BX741929 BX741929 |
| 825 | 11 | 16.4 | 93 | 7 | T41311 | T41311 ph1h8_19/1T |
| c 826 | 11 | 16.4 | 93 | 8 | AZ307387 | AZ307387 1M0008022 |
| c 827 | 11 | 16.4 | 93 | 8 | AZ309541 | AZ309541 1M0013003 |
| 828 | 11 | 16.4 | 93 | 9 | BX662735 | BX662735 Arabidops |
| c 829 | 11 | 16.4 | 93 | 9 | CR222230 | CR222230 Forward s |
| 830 | 11 | 16.4 | 93 | 9 | CR237517 | CR237517 Forward s |
| 831 | 11 | 16.4 | 93 | 9 | CG593996 | CG593996 OST251680 |
| c 832 | 11 | 16.4 | 94 | 1 | AI204838 | AI204838 ZF-EST158 |
| c 833 | 11 | 16.4 | 94 | 1 | AI864837 | AI864837 wk02g10.x |
| c 834 | 11 | 16.4 | 94 | 4 | BG271548 | BG271548 nai58h01. |
| 835 | 11 | 16.4 | 94 | 4 | BM128672 | BM128672 if14g02.y |
| 836 | 11 | 16.4 | 94 | 5 | BX253660 | BX253660 BX253660 |
| c 837 | 11 | 16.4 | 94 | 8 | AZ537490 | AZ537490 AST-2P127 |
| 838 | 11 | 16.4 | 94 | 8 | BH809955 | BH809955 SALK_0368 |
| 839 | 11 | 16.4 | 94 | 9 | AL755512 | AL755512 Arabidops |
| 840 | 11 | 16.4 | 95 | 1 | AI097969 | AI097969 vg82a07.r |
| 841 | 11 | 16.4 | 95 | 1 | AI335506 | AI335506 tb66g11.x |
| c 842 | 11 | 16.4 | 95 | 1 | AI994190 | AI994190 701500134 |
| 843 | 11 | 16.4 | 95 | 1 | AU256462 | AU256462 AU256462 |
| c 844 | 11 | 16.4 | 95 | 1 | AU258308 | AU258308 AU258308 |
| c 845 | 11 | 16.4 | 95 | 5 | BQ548161 | BQ548161 rd21b12.y |
| c 846 | 11 | 16.4 | 95 | 5 | BU885124 | BU885124 R021A05 P |
| 847 | 11 | 16.4 | 95 | 6 | CD400209 | CD400209 Gm_ck2199 |
| 848 | 11 | 16.4 | 95 | 6 | CD576904 | CD576904 26_G02_26 |
| 849 | 11 | 16.4 | 95 | 6 | CD576905 | CD576905 47(2)W-6_ |
| c 850 | 11 | 16.4 | 95 | 7 | CN445097 | CN445097 Mdfw2002a |
| c 851 | 11 | 16.4 | 95 | 8 | CC180016 | CC180016 SALK_0752 |
| c 852 | 11 | 16.4 | 95 | 8 | CC457312 | CC457312 SALK_1090 |
| 853 | 11 | 16.4 | 95 | 9 | CR167268 | CR167268 Reverse s |
| c 854 | 11 | 16.4 | 95 | 9 | CR398223 | CR398223 Arabidops |
| 855 | 11 | 16.4 | 95 | 9 | CG492821 | CG492821 OST30812 |
| 856 | 11 | 16.4 | 95 | 9 | CG979981 | CG979981 CH240_172 |
| 857 | 11 | 16.4 | 96 | 1 | AA980684 | AA980684 ua44d02.r |
| c 858 | 11 | 16.4 | 96 | 1 | AI288076 | AI288076 qv70d03.x |
| c 859 | 11 | 16.4 | 96 | 1 | AI365056 | AI365056 qt12b12.x |
| c 860 | 11 | 16.4 | 96 | 1 | AU014553 | AU014553 AU014553 |
| c 861 | 11 | 16.4 | 96 | 2 | AW662338 | AW662338 hi25a08.x |
| 862 | 11 | 16.4 | 96 | 4 | BI966140 | BI966140 ie71b09.y |
| 863 | 11 | 16.4 | 96 | 4 | BI966152 | BI966152 ie71d03.y |
| c 864 | 11 | 16.4 | 96 | 6 | CB224520 | CB224520 1OM22B07 |

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| 865 | 11 | 16.4 | 96 | 6 | CF042365 | CF042365 | QCI38a09. |
| 866 | 11 | 16.4 | 96 | 7 | CF369424 | CF369424 | rg59f05.y |
| c 867 | 11 | 16.4 | 96 | 8 | AZ596577 | AZ596577 | 1M0409L21 |
| c 868 | 11 | 16.4 | 96 | 8 | AZ788596 | AZ788596 | 2M0035A23 |
| c 869 | 11 | 16.4 | 96 | 9 | AJ598090 | AJ598090 | Arabidops |
| 870 | 11 | 16.4 | 96 | 9 | AL751797 | AL751797 | Arabidops |
| c 871 | 11 | 16.4 | 96 | 9 | BX288705 | BX288705 | Arabidops |
| c 872 | 11 | 16.4 | 96 | 9 | CR151103 | CR151103 | Forward s |
| 873 | 11 | 16.4 | 96 | 9 | CG509874 | CG509874 | OST61294 |
| 874 | 11 | 16.4 | 97 | 1 | AA062522 | AA062522 | ml65g11.r |
| c 875 | 11 | 16.4 | 97 | 1 | AA906392 | AA906392 | oj99c06.s |
| c 876 | 11 | 16.4 | 97 | 1 | AI077701 | AI077701 | oy59f04.x |
| 877 | 11 | 16.4 | 97 | 1 | AV775818 | AV775818 | AV775818 |
| c 878 | 11 | 16.4 | 97 | 8 | BH413137 | BH413137 | 1007030G1 |
| c 879 | 11 | 16.4 | 97 | 8 | BH910232 | BH910232 | SALK_0585 |
| 880 | 11 | 16.4 | 97 | 9 | AJ600985 | AJ600985 | Arabidops |
| c 881 | 11 | 16.4 | 97 | 9 | AL757856 | AL757856 | Arabidops |
| c 882 | 11 | 16.4 | 97 | 9 | BX652091 | BX652091 | Arabidops |
| c 883 | 11 | 16.4 | 97 | 9 | BX943457 | BX943457 | Arabidops |
| 884 | 11 | 16.4 | 97 | 9 | CG514568 | CG514568 | OST68410 |
| 885 | 11 | 16.4 | 97 | 9 | AG188403 | AG188403 | Pan trogl |
| c 886 | 11 | 16.4 | 97 | 9 | AG216406 | AG216406 | Drosophil |
| c 887 | 11 | 16.4 | 98 | 2 | AW273386 | AW273386 | xr38f05.x |
| c 888 | 11 | 16.4 | 98 | 2 | AW278544 | AW278544 | sf45h02.y |
| 889 | 11 | 16.4 | 98 | 2 | AW888330 | AW888330 | E10 Rat d |
| c 890 | 11 | 16.4 | 98 | 4 | BM425371 | BM425371 | IpSpn0164 |
| 891 | 11 | 16.4 | 98 | 4 | BM873967 | BM873967 | laa10a08. |
| 892 | 11 | 16.4 | 98 | 6 | CD946880 | CD946880 | REU_36 Ge |
| 893 | 11 | 16.4 | 98 | 7 | CR583602 | CR583602 | CR583602 |
| c 894 | 11 | 16.4 | 98 | 7 | CR583602 | CR583602 | CR583602 |
| c 895 | 11 | 16.4 | 98 | 7 | H61468 | H61468 | yr17d01.s1 |
| 896 | 11 | 16.4 | 98 | 8 | BZ353381 | BZ353381 | SALK_1202 |
| 897 | 11 | 16.4 | 98 | 8 | BZ358635 | BZ358635 | SALK_1330 |
| 898 | 11 | 16.4 | 98 | 8 | BZ581637 | BZ581637 | 3590_1_26 |
| 899 | 11 | 16.4 | 98 | 9 | CG542570 | CG542570 | OST137266 |
| c 900 | 11 | 16.4 | 98 | 9 | CG634277 | CG634277 | OST355063 |
| c 901 | 11 | 16.4 | 99 | 1 | AA843753 | AA843753 | aj18b03.s |
| c 902 | 11 | 16.4 | 99 | 1 | AA905160 | AA905160 | ok06a09.s |
| c 903 | 11 | 16.4 | 99 | 1 | AI696433 | AI696433 | tw61d05.x |
| 904 | 11 | 16.4 | 99 | 1 | AL968106 | AL968106 | AL968106 |
| c 905 | 11 | 16.4 | 99 | 1 | AU006866 | AU006866 | AU006866 |
| 906 | 11 | 16.4 | 99 | 1 | AU173687 | AU173687 | AU173687 |
| c 907 | 11 | 16.4 | 99 | 2 | AW466347 | AW466347 | bbc1g3b54 |
| 908 | 11 | 16.4 | 99 | 8 | AZ482056 | AZ482056 | 1M0306J19 |
| 909 | 11 | 16.4 | 99 | 8 | AZ785480 | AZ785480 | 2M0029F21 |
| 910 | 11 | 16.4 | 99 | 9 | AL768313 | AL768313 | Arabidops |
| c 911 | 11 | 16.4 | 99 | 9 | AL770229 | AL770229 | Arabidops |
| c 912 | 11 | 16.4 | 99 | 9 | CC795075 | CC795075 | SALK_0685 |
| c 913 | 11 | 16.4 | 99 | 9 | CG550260 | CG550260 | OST155799 |
| c 914 | 11 | 16.4 | 100 | 1 | AJ237014 | AJ237014 | AJ237014 |
| 915 | 11 | 16.4 | 100 | 1 | AA212286 | AA212286 | mu80e10.r |
| c 916 | 11 | 16.4 | 100 | 1 | AL931017 | AL931017 | AL931017 |
| c 917 | 11 | 16.4 | 100 | 1 | AL931714 | AL931714 | AL931714 |
| c 918 | 11 | 16.4 | 100 | 1 | AT006416 | AT006416 | AT006416 |
| 919 | 11 | 16.4 | 100 | 1 | AA247654 | AA247654 | csh0112.s |
| 920 | 11 | 16.4 | 100 | 1 | AV674726 | AV674726 | AV674726 |
| c 921 | 11 | 16.4 | 100 | 1 | AV780636 | AV780636 | AV780636 |

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| c 922 | 11 | 16.4 | 100 | 1 | AA333721 | AA333721 | EST37838 |
| c 923 | 11 | 16.4 | 100 | 2 | BF945768 | BF945768 | CM1-NN021 |
| c 924 | 11 | 16.4 | 100 | 2 | BB527127 | BB527127 | BB527127 |
| c 925 | 11 | 16.4 | 100 | 2 | BE478698 | BE478698 | 163057 BA |
| 926 | 11 | 16.4 | 100 | 2 | BF122920 | BF122920 | 601761878 |
| c 927 | 11 | 16.4 | 100 | 4 | BI358929 | BI358929 | 949053A07 |
| 928 | 11 | 16.4 | 100 | 4 | BI538415 | BI538415 | 428999 MA |
| 929 | 11 | 16.4 | 100 | 5 | BQ666372 | BQ666372 | pb40f02.y |
| 930 | 11 | 16.4 | 100 | 5 | BQ847154 | BQ847154 | QGA21F11. |
| 931 | 11 | 16.4 | 100 | 5 | BQ977763 | BQ977763 | QHI2P10.y |
| 932 | 11 | 16.4 | 100 | 5 | BQ978829 | BQ978829 | QHI6G08.y |
| 933 | 11 | 16.4 | 100 | 5 | BQ978943 | BQ978943 | QHI6L16.y |
| c 934 | 11 | 16.4 | 100 | 5 | BU032660 | BU032660 | QHJ21N11. |
| c 935 | 11 | 16.4 | 100 | 5 | BW144756 | BW144756 | BW144756 |
| c 936 | 11 | 16.4 | 100 | 6 | CA294437 | CA294437 | SCSGLV101 |
| 937 | 11 | 16.4 | 100 | 6 | CA915906 | CA915906 | PCS01534X |
| c 938 | 11 | 16.4 | 100 | 6 | CB872148 | CB872148 | HC06N06y |
| c 939 | 11 | 16.4 | 100 | 6 | CB931705 | CB931705 | ri62b03.y |
| c 940 | 11 | 16.4 | 100 | 6 | CD744106 | CD744106 | IRB17_E04 |
| 941 | 11 | 16.4 | 100 | 6 | CD980768 | CD980768 | QAI16d06. |
| 942 | 11 | 16.4 | 100 | 7 | CK802181 | CK802181 | NF40f01f4 |
| c 943 | 11 | 16.4 | 100 | 7 | CK916381 | CK916381 | p3fmgcf_0 |
| c 944 | 11 | 16.4 | 100 | 8 | BZ384308 | BZ384308 | SALK_1353 |
| c 945 | 11 | 16.4 | 100 | 9 | AL767185 | AL767185 | Arabidops |
| 946 | 11 | 16.4 | 100 | 9 | CG635413 | CG635413 | OST357616 |
| 947 | 10 | 14.9 | 14 | 9 | AJ592812 | AJ592812 | Arabidops |
| 948 | 10 | 14.9 | 16 | 9 | CL437056 | CL437056 | PST440-1. |
| 949 | 10 | 14.9 | 18 | 9 | AJ600906 | AJ600906 | Arabidops |
| 950 | 10 | 14.9 | 19 | 1 | AA937747 | AA937747 | oj01g06.s |
| 951 | 10 | 14.9 | 19 | 6 | CF312203 | CF312203 | ABF--07-M |
| 952 | 10 | 14.9 | 19 | 8 | AZ345852 | AZ345852 | 1M0080E18 |
| 953 | 10 | 14.9 | 21 | 9 | AJ595129 | AJ595129 | Arabidops |
| 954 | 10 | 14.9 | 22 | 8 | AZ445474 | AZ445474 | 1M0241N14 |
| 955 | 10 | 14.9 | 22 | 9 | TA215F02Q | AL479263 | T. brucei |
| 956 | 10 | 14.9 | 23 | 8 | AZ339811 | AZ339811 | 1M0071M19 |
| c 957 | 10 | 14.9 | 23 | 9 | CL680745 | CL680745 | PRI012b_A |
| 958 | 10 | 14.9 | 24 | 2 | AW247816 | AW247816 | 2820481.3 |
| c 959 | 10 | 14.9 | 24 | 9 | AG201702 | AG201702 | Pan trogl |
| 960 | 10 | 14.9 | 25 | 6 | C21203 | C21203 | HUMGS000223 |
| c 961 | 10 | 14.9 | 25 | 6 | CF296576 | CF296576 | 30DGS--07 |
| c 962 | 10 | 14.9 | 25 | 7 | CO788114 | CO788114 | NT003B_C0 |
| 963 | 10 | 14.9 | 25 | 8 | AZ387185 | AZ387185 | 1M0146L20 |
| c 964 | 10 | 14.9 | 25 | 8 | BH840664 | BH840664 | KG06339-3 |
| 965 | 10 | 14.9 | 25 | 9 | AJ589736 | AJ589736 | Arabidops |
| 966 | 10 | 14.9 | 25 | 9 | AJ592439 | AJ592439 | Arabidops |
| c 967 | 10 | 14.9 | 26 | 8 | AZ818942 | AZ818942 | 2M0089I15 |
| 968 | 10 | 14.9 | 26 | 9 | CL674117 | CL674117 | PRI0111b_ |
| 969 | 10 | 14.9 | 27 | 1 | AU260224 | AU260224 | AU260224 |
| 970 | 10 | 14.9 | 27 | 8 | AZ357559 | AZ357559 | 1M0099L09 |
| 971 | 10 | 14.9 | 28 | 1 | AU257531 | AU257531 | AU257531 |
| 972 | 10 | 14.9 | 28 | 5 | BX564805 | BX564805 | BX564805 |
| 973 | 10 | 14.9 | 28 | 7 | D45823 | D45823 | HUMGS03043 |
| 974 | 10 | 14.9 | 28 | 8 | AZ839856 | AZ839856 | 2M0136I08 |
| 975 | 10 | 14.9 | 29 | 1 | AU254952 | AU254952 | AU254952 |
| 976 | 10 | 14.9 | 29 | 6 | C20587 | C20587 | HUMGS000367 |
| c 977 | 10 | 14.9 | 29 | 7 | CO781290 | CO781290 | BL012A_A0 |
| c 978 | 10 | 14.9 | 29 | 8 | AZ433903 | AZ433903 | 1M0220G03 |

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| 979 | 10 | 14.9 | 29 | 8 | BH850078 | BH850078 | SALK_0707 |
| c 980 | 10 | 14.9 | 29 | 8 | BZ358019 | BZ358019 | SALK_1317 |
| 981 | 10 | 14.9 | 30 | 8 | AZ447613 | AZ447613 | 1M0244B23 |
| c 982 | 10 | 14.9 | 30 | 8 | BH792275 | BH792275 | SALK_0632 |
| c 983 | 10 | 14.9 | 30 | 8 | BH852058 | BH852058 | SALK_0741 |
| c 984 | 10 | 14.9 | 30 | 8 | BH852064 | BH852064 | SALK_0741 |
| c 985 | 10 | 14.9 | 30 | 8 | CC456536 | CC456536 | SALK_0989 |
| c 986 | 10 | 14.9 | 31 | 1 | AI024178 | AI024178 | ov73f05.s |
| 987 | 10 | 14.9 | 31 | 1 | AU254296 | AU254296 | AU254296 |
| 988 | 10 | 14.9 | 31 | 1 | AU255233 | AU255233 | AU255233 |
| 989 | 10 | 14.9 | 31 | 8 | AZ837501 | AZ837501 | 2M0132M13 |
| c 990 | 10 | 14.9 | 31 | 8 | BH790339 | BH790339 | SALK_0568 |
| 991 | 10 | 14.9 | 31 | 8 | BH854806 | BH854806 | SALK_0884 |
| 992 | 10 | 14.9 | 31 | 8 | BH907736 | BH907736 | SALK_0439 |
| c 993 | 10 | 14.9 | 31 | 8 | BH909093 | BH909093 | SALK_0519 |
| 994 | 10 | 14.9 | 31 | 9 | AG202095 | AG202095 | Pan trogl |
| c 995 | 10 | 14.9 | 32 | 1 | AU266499 | AU266499 | AU266499 |
| c 996 | 10 | 14.9 | 32 | 4 | BJ082835 | BJ082835 | BJ082835 |
| c 997 | 10 | 14.9 | 32 | 9 | BX656813 | BX656813 | Arabidops |
| 998 | 10 | 14.9 | 33 | 1 | AJ790491 | AJ790491 | AJ790491 |
| c 999 | 10 | 14.9 | 33 | 5 | BX549621 | BX549621 | BX549621 |
| 1000 | 10 | 14.9 | 33 | 8 | BH840694 | BH840694 | KG06570-5 |

ALIGNMENTS

GenCore version 5.1.6

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 06:22:02 ; Search time 532.268 Seconds
(without alignments)
2665.369 Million cell updates/sec

Title: US-09-463-209D-1_COPY_54_83
Perfect score: 30
Sequence: 1 aggtggaagcatggtgacatgtggagctga 30

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 4526729 seqs, 23644849745 residues

Word size : 10

Total number of hits satisfying chosen parameters: 1008

Minimum DB seq length: 0
Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

Database : GenEmbl:*
1: gb_ba:*
2: gb_htg:*
3: gb_in:*
4: gb_om:*
5: gb_ov:*
6: gb_pat:*
7: gb_ph:*
8: gb_pl:*
9: gb_pr:*
10: gb_ro:*
11: gb_sts:*
12: gb_sy:*
13: gb_un:*
14: gb_vi:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result | | % | Query | | | | | | |
|--------|-------|-------|--------|----|----------|--|--|--|--------------------|
| No. | Score | Match | Length | DB | ID | | | | Description |
| 1 | 30 | 100.0 | 79 | 6 | BD080390 | | | | BD080390 Nucleic a |
| 2 | 30 | 100.0 | 79 | 6 | BD080391 | | | | BD080391 Nucleic a |
| 3 | 27 | 90.0 | 77 | 6 | AR358826 | | | | AR358826 Sequence |
| 4 | 27 | 90.0 | 77 | 6 | BD080385 | | | | BD080385 Nucleic a |

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|---|----|----|------|-----|---|----------|--------------------|
| | 5 | 18 | 60.0 | 18 | 6 | AX000626 | AX000626 Sequence |
| | 6 | 18 | 60.0 | 18 | 6 | BD080378 | BD080378 Nucleic a |
| c | 7 | 13 | 43.3 | 23 | 6 | AX777482 | AX777482 Sequence |
| | 8 | 13 | 43.3 | 27 | 6 | AX127474 | AX127474 Sequence |
| c | 9 | 13 | 43.3 | 37 | 6 | BD264037 | BD264037 Nucleic a |
| | 10 | 13 | 43.3 | 42 | 6 | A69770 | A69770 Sequence 6 |
| | 11 | 13 | 43.3 | 42 | 6 | AX924193 | AX924193 Sequence |
| | 12 | 13 | 43.3 | 43 | 6 | A69767 | A69767 Sequence 3 |
| | 13 | 13 | 43.3 | 43 | 6 | AR209849 | AR209849 Sequence |
| | 14 | 13 | 43.3 | 43 | 6 | AX924190 | AX924190 Sequence |
| | 15 | 13 | 43.3 | 52 | 6 | AR209852 | AR209852 Sequence |
| c | 16 | 13 | 43.3 | 65 | 6 | CQ558273 | CQ558273 Sequence |
| c | 17 | 13 | 43.3 | 100 | 6 | AX998972 | AX998972 Sequence |
| c | 18 | 13 | 43.3 | 100 | 6 | AX998973 | AX998973 Sequence |
| | 19 | 12 | 40.0 | 19 | 6 | BD061257 | BD061257 A method |
| c | 20 | 12 | 40.0 | 20 | 6 | AX116038 | AX116038 Sequence |
| c | 21 | 12 | 40.0 | 24 | 6 | AX443593 | AX443593 Sequence |
| c | 22 | 12 | 40.0 | 25 | 6 | AX447576 | AX447576 Sequence |
| c | 23 | 12 | 40.0 | 25 | 6 | AX921545 | AX921545 Sequence |
| c | 24 | 12 | 40.0 | 30 | 6 | AX224590 | AX224590 Sequence |
| | 25 | 12 | 40.0 | 37 | 6 | AX230238 | AX230238 Sequence |
| c | 26 | 12 | 40.0 | 50 | 6 | AR074549 | AR074549 Sequence |
| c | 27 | 12 | 40.0 | 50 | 6 | AR157429 | AR157429 Sequence |
| | 28 | 12 | 40.0 | 50 | 6 | CQ814008 | CQ814008 Sequence |
| c | 29 | 12 | 40.0 | 50 | 6 | AX160060 | AX160060 Sequence |
| c | 30 | 12 | 40.0 | 50 | 6 | AX160062 | AX160062 Sequence |
| | 31 | 12 | 40.0 | 51 | 6 | CQ004402 | CQ004402 Sequence |
| c | 32 | 12 | 40.0 | 51 | 6 | CQ007591 | CQ007591 Sequence |
| c | 33 | 12 | 40.0 | 51 | 6 | AX160059 | AX160059 Sequence |
| c | 34 | 12 | 40.0 | 51 | 6 | AX160061 | AX160061 Sequence |
| | 35 | 12 | 40.0 | 51 | 6 | AX163478 | AX163478 Sequence |
| c | 36 | 12 | 40.0 | 51 | 6 | AX165175 | AX165175 Sequence |
| c | 37 | 12 | 40.0 | 52 | 6 | AR358963 | AR358963 Sequence |
| | 38 | 12 | 40.0 | 52 | 6 | AR358978 | AR358978 Sequence |
| | 39 | 12 | 40.0 | 54 | 6 | AR009720 | AR009720 Sequence |
| c | 40 | 12 | 40.0 | 60 | 6 | CQ537192 | CQ537192 Sequence |
| c | 41 | 12 | 40.0 | 60 | 6 | CQ538945 | CQ538945 Sequence |
| | 42 | 12 | 40.0 | 60 | 6 | CQ543650 | CQ543650 Sequence |
| c | 43 | 12 | 40.0 | 60 | 6 | CQ551616 | CQ551616 Sequence |
| | 44 | 12 | 40.0 | 65 | 6 | CQ530587 | CQ530587 Sequence |
| | 45 | 12 | 40.0 | 65 | 6 | CQ531824 | CQ531824 Sequence |
| c | 46 | 12 | 40.0 | 65 | 6 | CQ560556 | CQ560556 Sequence |
| c | 47 | 12 | 40.0 | 72 | 6 | AR006898 | AR006898 Sequence |
| c | 48 | 12 | 40.0 | 72 | 6 | AR110922 | AR110922 Sequence |
| c | 49 | 12 | 40.0 | 72 | 6 | I74838 | I74838 Sequence 37 |
| c | 50 | 12 | 40.0 | 72 | 6 | BD086595 | BD086595 Nucleic a |
| | 51 | 12 | 40.0 | 81 | 6 | AX799990 | AX799990 Sequence |
| c | 52 | 12 | 40.0 | 95 | 6 | AX927263 | AX927263 Sequence |
| c | 53 | 12 | 40.0 | 95 | 8 | AJ718721 | AJ718721 Nicotiana |
| | 54 | 12 | 40.0 | 100 | 6 | AX989868 | AX989868 Sequence |
| | 55 | 12 | 40.0 | 100 | 6 | AX989869 | AX989869 Sequence |
| | 56 | 12 | 40.0 | 100 | 6 | AX999181 | AX999181 Sequence |
| | 57 | 12 | 40.0 | 100 | 6 | AX999182 | AX999182 Sequence |
| c | 58 | 11 | 36.7 | 14 | 6 | BD176781 | BD176781 Method of |
| | 59 | 11 | 36.7 | 17 | 6 | AR034076 | AR034076 Sequence |
| c | 60 | 11 | 36.7 | 17 | 6 | AR057796 | AR057796 Sequence |
| c | 61 | 11 | 36.7 | 17 | 6 | AR115554 | AR115554 Sequence |

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|---|-----|----|------|----|---|----------|--------------------|
| | 62 | 11 | 36.7 | 17 | 6 | AX578962 | AX578962 Sequence |
| | 63 | 11 | 36.7 | 17 | 6 | AX579657 | AX579657 Sequence |
| | 64 | 11 | 36.7 | 17 | 6 | AX580154 | AX580154 Sequence |
| c | 65 | 11 | 36.7 | 17 | 6 | AX634847 | AX634847 Sequence |
| c | 66 | 11 | 36.7 | 18 | 6 | AR080885 | AR080885 Sequence |
| | 67 | 11 | 36.7 | 18 | 6 | AX838324 | AX838324 Sequence |
| c | 68 | 11 | 36.7 | 18 | 6 | BD107651 | BD107651 Modified |
| | 69 | 11 | 36.7 | 19 | 6 | AX512405 | AX512405 Sequence |
| | 70 | 11 | 36.7 | 20 | 6 | CQ767075 | CQ767075 Sequence |
| c | 71 | 11 | 36.7 | 20 | 6 | AR373826 | AR373826 Sequence |
| c | 72 | 11 | 36.7 | 20 | 6 | AX293492 | AX293492 Sequence |
| c | 73 | 11 | 36.7 | 20 | 6 | AX418823 | AX418823 Sequence |
| | 74 | 11 | 36.7 | 20 | 6 | AX476946 | AX476946 Sequence |
| | 75 | 11 | 36.7 | 20 | 6 | AX526322 | AX526322 Sequence |
| c | 76 | 11 | 36.7 | 21 | 6 | CQ776106 | CQ776106 Sequence |
| c | 77 | 11 | 36.7 | 21 | 6 | CQ786184 | CQ786184 Sequence |
| | 78 | 11 | 36.7 | 21 | 6 | AR300035 | AR300035 Sequence |
| c | 79 | 11 | 36.7 | 21 | 6 | AX418453 | AX418453 Sequence |
| c | 80 | 11 | 36.7 | 22 | 6 | CQ814768 | CQ814768 Sequence |
| c | 81 | 11 | 36.7 | 22 | 6 | I22559 | I22559 Sequence 47 |
| c | 82 | 11 | 36.7 | 22 | 6 | I47384 | I47384 Sequence 47 |
| c | 83 | 11 | 36.7 | 23 | 6 | AR018745 | AR018745 Sequence |
| | 84 | 11 | 36.7 | 23 | 6 | AR340147 | AR340147 Sequence |
| | 85 | 11 | 36.7 | 23 | 6 | AX057037 | AX057037 Sequence |
| | 86 | 11 | 36.7 | 23 | 6 | BD090875 | BD090875 Novel pro |
| | 87 | 11 | 36.7 | 23 | 6 | BD101882 | BD101882 Novel pro |
| c | 88 | 11 | 36.7 | 24 | 6 | AX288859 | AX288859 Sequence |
| c | 89 | 11 | 36.7 | 24 | 6 | AX289359 | AX289359 Sequence |
| | 90 | 11 | 36.7 | 25 | 6 | AR174588 | AR174588 Sequence |
| | 91 | 11 | 36.7 | 25 | 6 | BD248981 | BD248981 Novel cyt |
| c | 92 | 11 | 36.7 | 25 | 6 | AR254067 | AR254067 Sequence |
| | 93 | 11 | 36.7 | 25 | 6 | AR374080 | AR374080 Sequence |
| | 94 | 11 | 36.7 | 25 | 6 | AR456230 | AR456230 Sequence |
| | 95 | 11 | 36.7 | 26 | 6 | A69774 | A69774 Sequence 10 |
| c | 96 | 11 | 36.7 | 26 | 6 | BD271379 | BD271379 Molecular |
| | 97 | 11 | 36.7 | 26 | 6 | AR209842 | AR209842 Sequence |
| c | 98 | 11 | 36.7 | 26 | 6 | AX049208 | AX049208 Sequence |
| c | 99 | 11 | 36.7 | 26 | 6 | AX049813 | AX049813 Sequence |
| c | 100 | 11 | 36.7 | 26 | 6 | AX050811 | AX050811 Sequence |
| c | 101 | 11 | 36.7 | 26 | 6 | AX511106 | AX511106 Sequence |
| | 102 | 11 | 36.7 | 26 | 6 | AX924197 | AX924197 Sequence |
| c | 103 | 11 | 36.7 | 26 | 6 | AX927884 | AX927884 Sequence |
| c | 104 | 11 | 36.7 | 27 | 6 | AR392179 | AR392179 Sequence |
| c | 105 | 11 | 36.7 | 29 | 6 | AR068555 | AR068555 Sequence |
| c | 106 | 11 | 36.7 | 29 | 6 | AR076503 | AR076503 Sequence |
| | 107 | 11 | 36.7 | 29 | 6 | BD252225 | BD252225 Regulatio |
| | 108 | 11 | 36.7 | 29 | 6 | BD259135 | BD259135 Regulatio |
| c | 109 | 11 | 36.7 | 30 | 6 | AR382537 | AR382537 Sequence |
| | 110 | 11 | 36.7 | 31 | 6 | AX248542 | AX248542 Sequence |
| | 111 | 11 | 36.7 | 32 | 6 | I15376 | I15376 Sequence 8 |
| | 112 | 11 | 36.7 | 33 | 6 | AX084268 | AX084268 Sequence |
| c | 113 | 11 | 36.7 | 34 | 6 | CQ846950 | CQ846950 Sequence |
| c | 114 | 11 | 36.7 | 34 | 6 | AX776540 | AX776540 Sequence |
| c | 115 | 11 | 36.7 | 35 | 6 | E29454 | E29454 Novel metho |
| | 116 | 11 | 36.7 | 36 | 6 | AR056946 | AR056946 Sequence |
| | 117 | 11 | 36.7 | 36 | 6 | AR057048 | AR057048 Sequence |
| c | 118 | 11 | 36.7 | 36 | 6 | AR095500 | AR095500 Sequence |

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| 119 | 11 | 36.7 | 36 | 6 | AR114704 | AR114704 Sequence |
| 120 | 11 | 36.7 | 36 | 6 | AR114806 | AR114806 Sequence |
| c 121 | 11 | 36.7 | 36 | 6 | I27820 | I27820 Sequence 3 |
| 122 | 11 | 36.7 | 36 | 6 | AX634005 | AX634005 Sequence |
| 123 | 11 | 36.7 | 36 | 6 | AX634107 | AX634107 Sequence |
| 124 | 11 | 36.7 | 37 | 6 | E07960 | E07960 Primer. 9/1 |
| 125 | 11 | 36.7 | 38 | 6 | AR336188 | AR336188 Sequence |
| 126 | 11 | 36.7 | 38 | 6 | AX424161 | AX424161 Sequence |
| 127 | 11 | 36.7 | 38 | 6 | AX580843 | AX580843 Sequence |
| c 128 | 11 | 36.7 | 39 | 6 | AX058678 | AX058678 Sequence |
| 129 | 11 | 36.7 | 40 | 6 | AX538372 | AX538372 Sequence |
| c 130 | 11 | 36.7 | 40 | 6 | AX538373 | AX538373 Sequence |
| c 131 | 11 | 36.7 | 41 | 6 | AR109089 | AR109089 Sequence |
| c 132 | 11 | 36.7 | 41 | 6 | AR200744 | AR200744 Sequence |
| c 133 | 11 | 36.7 | 41 | 6 | AX327047 | AX327047 Sequence |
| c 134 | 11 | 36.7 | 41 | 6 | AX327048 | AX327048 Sequence |
| 135 | 11 | 36.7 | 41 | 6 | AX513862 | AX513862 Sequence |
| 136 | 11 | 36.7 | 41 | 6 | AX519138 | AX519138 Sequence |
| 137 | 11 | 36.7 | 42 | 6 | AR160937 | AR160937 Sequence |
| 138 | 11 | 36.7 | 42 | 6 | I16108 | I16108 Sequence 15 |
| c 139 | 11 | 36.7 | 43 | 6 | E29456 | E29456 Novel metho |
| c 140 | 11 | 36.7 | 46 | 6 | A94955 | A94955 Sequence 40 |
| 141 | 11 | 36.7 | 46 | 6 | A94956 | A94956 Sequence 41 |
| 142 | 11 | 36.7 | 46 | 6 | AX665046 | AX665046 Sequence |
| 143 | 11 | 36.7 | 46 | 6 | AX961525 | AX961525 Sequence |
| c 144 | 11 | 36.7 | 47 | 6 | A51618 | A51618 Sequence 28 |
| c 145 | 11 | 36.7 | 48 | 6 | AR217118 | AR217118 Sequence |
| c 146 | 11 | 36.7 | 51 | 6 | CQ003900 | CQ003900 Sequence |
| c 147 | 11 | 36.7 | 51 | 6 | AR444420 | AR444420 Sequence |
| c 148 | 11 | 36.7 | 51 | 6 | AR444421 | AR444421 Sequence |
| 149 | 11 | 36.7 | 51 | 6 | AX118377 | AX118377 Sequence |
| c 150 | 11 | 36.7 | 51 | 6 | AX162617 | AX162617 Sequence |
| c 151 | 11 | 36.7 | 51 | 6 | AX162618 | AX162618 Sequence |
| 152 | 11 | 36.7 | 51 | 6 | AX190074 | AX190074 Sequence |
| 153 | 11 | 36.7 | 51 | 6 | AX190075 | AX190075 Sequence |
| 154 | 11 | 36.7 | 51 | 6 | AX190076 | AX190076 Sequence |
| 155 | 11 | 36.7 | 51 | 6 | AX190077 | AX190077 Sequence |
| c 156 | 11 | 36.7 | 52 | 6 | I15375 | I15375 Sequence 7 |
| c 157 | 11 | 36.7 | 57 | 6 | AR487709 | AR487709 Sequence |
| c 158 | 11 | 36.7 | 57 | 6 | AX722015 | AX722015 Sequence |
| c 159 | 11 | 36.7 | 60 | 6 | CQ537971 | CQ537971 Sequence |
| c 160 | 11 | 36.7 | 60 | 6 | CQ541741 | CQ541741 Sequence |
| 161 | 11 | 36.7 | 60 | 6 | CQ541787 | CQ541787 Sequence |
| 162 | 11 | 36.7 | 60 | 6 | CQ542305 | CQ542305 Sequence |
| 163 | 11 | 36.7 | 60 | 6 | CQ543297 | CQ543297 Sequence |
| 164 | 11 | 36.7 | 60 | 6 | CQ544225 | CQ544225 Sequence |
| 165 | 11 | 36.7 | 60 | 6 | CQ548668 | CQ548668 Sequence |
| c 166 | 11 | 36.7 | 60 | 6 | CQ548783 | CQ548783 Sequence |
| 167 | 11 | 36.7 | 60 | 6 | CQ551747 | CQ551747 Sequence |
| 168 | 11 | 36.7 | 60 | 6 | CQ553157 | CQ553157 Sequence |
| 169 | 11 | 36.7 | 60 | 6 | I87861 | I87861 Sequence 14 |
| 170 | 11 | 36.7 | 60 | 6 | AR242211 | AR242211 Sequence |
| 171 | 11 | 36.7 | 61 | 6 | AR355912 | AR355912 Sequence |
| c 172 | 11 | 36.7 | 65 | 6 | CQ531337 | CQ531337 Sequence |
| c 173 | 11 | 36.7 | 65 | 6 | CQ533562 | CQ533562 Sequence |
| c 174 | 11 | 36.7 | 65 | 6 | CQ554314 | CQ554314 Sequence |
| 175 | 11 | 36.7 | 65 | 6 | CQ559023 | CQ559023 Sequence |

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| 176 | 11 | 36.7 | 65 | 6 | CQ559467 | CQ559467 Sequence |
| c 177 | 11 | 36.7 | 69 | 6 | AR081748 | AR081748 Sequence |
| c 178 | 11 | 36.7 | 69 | 6 | AR167980 | AR167980 Sequence |
| c 179 | 11 | 36.7 | 69 | 6 | AR213311 | AR213311 Sequence |
| c 180 | 11 | 36.7 | 69 | 6 | AR256148 | AR256148 Sequence |
| c 181 | 11 | 36.7 | 69 | 6 | AR275105 | AR275105 Sequence |
| c 182 | 11 | 36.7 | 69 | 6 | AR306238 | AR306238 Sequence |
| c 183 | 11 | 36.7 | 69 | 6 | AR371626 | AR371626 Sequence |
| c 184 | 11 | 36.7 | 71 | 6 | AR165749 | AR165749 Sequence |
| c 185 | 11 | 36.7 | 71 | 6 | AR304945 | AR304945 Sequence |
| c 186 | 11 | 36.7 | 72 | 8 | ATH527102 | AJ527102 Arabidops |
| c 187 | 11 | 36.7 | 72 | 8 | ATH527127 | AJ527127 Arabidops |
| c 188 | 11 | 36.7 | 74 | 6 | AR147540 | AR147540 Sequence |
| 189 | 11 | 36.7 | 78 | 6 | CQ150038 | CQ150038 Sequence |
| 190 | 11 | 36.7 | 78 | 6 | CQ233340 | CQ233340 Sequence |
| 191 | 11 | 36.7 | 78 | 6 | CQ271257 | CQ271257 Sequence |
| c 192 | 11 | 36.7 | 78 | 6 | CQ308499 | CQ308499 Sequence |
| 193 | 11 | 36.7 | 78 | 6 | CQ308657 | CQ308657 Sequence |
| 194 | 11 | 36.7 | 78 | 6 | CQ345409 | CQ345409 Sequence |
| c 195 | 11 | 36.7 | 78 | 10 | AF284772 | AF284772 Mus muscu |
| c 196 | 11 | 36.7 | 81 | 14 | AF166648 | AF166648 Hepatitis |
| c 197 | 11 | 36.7 | 81 | 14 | AF166649 | AF166649 Hepatitis |
| c 198 | 11 | 36.7 | 81 | 14 | AF166650 | AF166650 Hepatitis |
| c 199 | 11 | 36.7 | 81 | 14 | AF166651 | AF166651 Hepatitis |
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| c 206 | 11 | 36.7 | 81 | 14 | AF166660 | AF166660 Hepatitis |
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| c 212 | 11 | 36.7 | 81 | 14 | AF166667 | AF166667 Hepatitis |
| c 213 | 11 | 36.7 | 81 | 14 | AF462989 | AF462989 Hepatitis |
| c 214 | 11 | 36.7 | 81 | 14 | AF462990 | AF462990 Hepatitis |
| c 215 | 11 | 36.7 | 81 | 14 | AF462991 | AF462991 Hepatitis |
| c 216 | 11 | 36.7 | 81 | 14 | AF462992 | AF462992 Hepatitis |
| c 217 | 11 | 36.7 | 81 | 14 | AF462993 | AF462993 Hepatitis |
| c 218 | 11 | 36.7 | 81 | 14 | AF462994 | AF462994 Hepatitis |
| c 219 | 11 | 36.7 | 81 | 14 | AF462995 | AF462995 Hepatitis |
| c 220 | 11 | 36.7 | 81 | 14 | AF462996 | AF462996 Hepatitis |
| c 221 | 11 | 36.7 | 81 | 14 | AF462997 | AF462997 Hepatitis |
| c 222 | 11 | 36.7 | 81 | 14 | AF462998 | AF462998 Hepatitis |
| c 223 | 11 | 36.7 | 81 | 14 | AF462999 | AF462999 Hepatitis |
| c 224 | 11 | 36.7 | 81 | 14 | AF463000 | AF463000 Hepatitis |
| c 225 | 11 | 36.7 | 81 | 14 | AF463001 | AF463001 Hepatitis |
| c 226 | 11 | 36.7 | 81 | 14 | AF463002 | AF463002 Hepatitis |
| c 227 | 11 | 36.7 | 81 | 14 | AF463003 | AF463003 Hepatitis |
| c 228 | 11 | 36.7 | 81 | 14 | AF463004 | AF463004 Hepatitis |
| c 229 | 11 | 36.7 | 81 | 14 | AF463005 | AF463005 Hepatitis |
| c 230 | 11 | 36.7 | 81 | 14 | AF463006 | AF463006 Hepatitis |
| c 231 | 11 | 36.7 | 81 | 14 | AF463007 | AF463007 Hepatitis |
| c 232 | 11 | 36.7 | 81 | 14 | AF463008 | AF463008 Hepatitis |

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| c 233 | 11 | 36.7 | 81 | 14 | AF463009 | AF463009 Hepatitis |
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| c 244 | 11 | 36.7 | 81 | 14 | AF463021 | AF463021 Hepatitis |
| c 245 | 11 | 36.7 | 81 | 14 | AF463022 | AF463022 Hepatitis |
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| c 247 | 11 | 36.7 | 81 | 14 | AF463024 | AF463024 Hepatitis |
| c 248 | 11 | 36.7 | 81 | 14 | AF463025 | AF463025 Hepatitis |
| c 249 | 11 | 36.7 | 81 | 14 | AF463026 | AF463026 Hepatitis |
| c 250 | 11 | 36.7 | 81 | 14 | AF463027 | AF463027 Hepatitis |
| c 251 | 11 | 36.7 | 81 | 14 | AF463029 | AF463029 Hepatitis |
| c 252 | 11 | 36.7 | 81 | 14 | AF463030 | AF463030 Hepatitis |
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| c 254 | 11 | 36.7 | 81 | 14 | AF463032 | AF463032 Hepatitis |
| c 255 | 11 | 36.7 | 81 | 14 | AF463033 | AF463033 Hepatitis |
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| 257 | 11 | 36.7 | 91 | 14 | AY601351 | AY601351 Human pap |
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| 259 | 11 | 36.7 | 94 | 6 | CQ075725 | CQ075725 Sequence |
| 260 | 11 | 36.7 | 94 | 6 | CQ106706 | CQ106706 Sequence |
| 261 | 11 | 36.7 | 94 | 6 | CQ145358 | CQ145358 Sequence |
| 262 | 11 | 36.7 | 94 | 6 | CQ180798 | CQ180798 Sequence |
| 263 | 11 | 36.7 | 94 | 6 | CQ205174 | CQ205174 Sequence |
| 264 | 11 | 36.7 | 94 | 6 | CQ228553 | CQ228553 Sequence |
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| c 268 | 11 | 36.7 | 97 | 11 | HSU57850 | U57850 Human clone |
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| 271 | 11 | 36.7 | 99 | 14 | S40279 | S40279 L1 [human p |
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| 275 | 11 | 36.7 | 100 | 6 | AX997532 | AX997532 Sequence |
| 276 | 11 | 36.7 | 100 | 9 | H007727S12 | AF091869 Homo sapi |
| 277 | 10 | 33.3 | 11 | 6 | AX623549 | AX623549 Sequence |
| 278 | 10 | 33.3 | 11 | 6 | AX630970 | AX630970 Sequence |
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| 283 | 10 | 33.3 | 15 | 6 | AX456722 | AX456722 Sequence |
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| 288 | 10 | 33.3 | 16 | 6 | AX686165 | AX686165 Sequence |
| c 289 | 10 | 33.3 | 17 | 6 | AR057510 | AR057510 Sequence |

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| c 290 | 10 | 33.3 | 17 | 6 | AR115268 | AR115268 Sequence |
| c 291 | 10 | 33.3 | 17 | 6 | BD201515 | BD201515 Method an |
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| 293 | 10 | 33.3 | 17 | 6 | AX578982 | AX578982 Sequence |
| 294 | 10 | 33.3 | 17 | 6 | AX579440 | AX579440 Sequence |
| 295 | 10 | 33.3 | 17 | 6 | AX579667 | AX579667 Sequence |
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| 302 | 10 | 33.3 | 17 | 6 | AX732996 | AX732996 Sequence |
| 303 | 10 | 33.3 | 17 | 6 | AX736879 | AX736879 Sequence |
| c 304 | 10 | 33.3 | 17 | 6 | AX757644 | AX757644 Sequence |
| c 305 | 10 | 33.3 | 17 | 6 | AX760894 | AX760894 Sequence |
| 306 | 10 | 33.3 | 18 | 6 | AR173935 | AR173935 Sequence |
| 307 | 10 | 33.3 | 18 | 6 | AX456731 | AX456731 Sequence |
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| c 309 | 10 | 33.3 | 19 | 6 | AR167526 | AR167526 Sequence |
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| c 311 | 10 | 33.3 | 19 | 6 | CQ817670 | CQ817670 Sequence |
| c 312 | 10 | 33.3 | 19 | 6 | AR234250 | AR234250 Sequence |
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| c 314 | 10 | 33.3 | 19 | 6 | AR488052 | AR488052 Sequence |
| 315 | 10 | 33.3 | 19 | 6 | AX201468 | AX201468 Sequence |
| 316 | 10 | 33.3 | 19 | 6 | AX600977 | AX600977 Sequence |
| 317 | 10 | 33.3 | 19 | 6 | AX661894 | AX661894 Sequence |
| 318 | 10 | 33.3 | 19 | 6 | AX686093 | AX686093 Sequence |
| c 319 | 10 | 33.3 | 19 | 6 | BD084554 | BD084554 Recombina |
| 320 | 10 | 33.3 | 19 | 12 | AB069422 | AB069422 Synthetic |
| c 321 | 10 | 33.3 | 20 | 6 | A63044 | A63044 Sequence 15 |
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| c 323 | 10 | 33.3 | 20 | 6 | AR150362 | AR150362 Sequence |
| c 324 | 10 | 33.3 | 20 | 6 | BD228092 | BD228092 Antisense |
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| c 329 | 10 | 33.3 | 20 | 6 | I31364 | I31364 Sequence 27 |
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| c 331 | 10 | 33.3 | 20 | 6 | AR208810 | AR208810 Sequence |
| 332 | 10 | 33.3 | 20 | 6 | AR221038 | AR221038 Sequence |
| c 333 | 10 | 33.3 | 20 | 6 | AR230881 | AR230881 Sequence |
| 334 | 10 | 33.3 | 20 | 6 | AR271178 | AR271178 Sequence |
| c 335 | 10 | 33.3 | 20 | 6 | AR310909 | AR310909 Sequence |
| c 336 | 10 | 33.3 | 20 | 6 | AR313541 | AR313541 Sequence |
| 337 | 10 | 33.3 | 20 | 6 | AR315267 | AR315267 Sequence |
| c 338 | 10 | 33.3 | 20 | 6 | AR350267 | AR350267 Sequence |
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| 343 | 10 | 33.3 | 20 | 6 | AX116550 | AX116550 Sequence |
| c 344 | 10 | 33.3 | 20 | 6 | AX326926 | AX326926 Sequence |
| 345 | 10 | 33.3 | 20 | 6 | AX376688 | AX376688 Sequence |
| 346 | 10 | 33.3 | 20 | 6 | AX453645 | AX453645 Sequence |

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| c 347 | 10 | 33.3 | 20 | 6 | AX521732 | AX521732 Sequence |
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| c 350 | 10 | 33.3 | 20 | 6 | AX921576 | AX921576 Sequence |
| c 351 | 10 | 33.3 | 20 | 6 | BD093493 | BD093493 Reagents |
| 352 | 10 | 33.3 | 20 | 6 | BD093498 | BD093498 Reagents |
| 353 | 10 | 33.3 | 20 | 6 | BD133903 | BD133903 Killifish |
| 354 | 10 | 33.3 | 21 | 6 | A56996 | A56996 Sequence 54 |
| 355 | 10 | 33.3 | 21 | 6 | A70805 | A70805 Sequence 12 |
| 356 | 10 | 33.3 | 21 | 6 | A79289 | A79289 Sequence 12 |
| 357 | 10 | 33.3 | 21 | 6 | AR052907 | AR052907 Sequence |
| 358 | 10 | 33.3 | 21 | 6 | AR054270 | AR054270 Sequence |
| 359 | 10 | 33.3 | 21 | 6 | AR054472 | AR054472 Sequence |
| c 360 | 10 | 33.3 | 21 | 6 | AR070085 | AR070085 Sequence |
| 361 | 10 | 33.3 | 21 | 6 | AR076827 | AR076827 Sequence |
| c 362 | 10 | 33.3 | 21 | 6 | AR092564 | AR092564 Sequence |
| 363 | 10 | 33.3 | 21 | 6 | AR095586 | AR095586 Sequence |
| 364 | 10 | 33.3 | 21 | 6 | AR116810 | AR116810 Sequence |
| 365 | 10 | 33.3 | 21 | 6 | AR146867 | AR146867 Sequence |
| 366 | 10 | 33.3 | 21 | 6 | AR151464 | AR151464 Sequence |
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| c 371 | 10 | 33.3 | 21 | 6 | AR344391 | AR344391 Sequence |
| 372 | 10 | 33.3 | 21 | 6 | AR363568 | AR363568 Sequence |
| c 373 | 10 | 33.3 | 21 | 6 | AX001033 | AX001033 Sequence |
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| 380 | 10 | 33.3 | 21 | 6 | AX675751 | AX675751 Sequence |
| 381 | 10 | 33.3 | 21 | 6 | BD003519 | BD003519 A gene re |
| c 382 | 10 | 33.3 | 21 | 6 | BD076510 | BD076510 Fibroblas |
| 383 | 10 | 33.3 | 21 | 6 | BD131058 | BD131058 Method an |
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| c 386 | 10 | 33.3 | 22 | 6 | AR066902 | AR066902 Sequence |
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| 389 | 10 | 33.3 | 22 | 6 | BD182570 | BD182570 Gene tran |
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| 391 | 10 | 33.3 | 22 | 6 | I83379 | I83379 Sequence 2 |
| 392 | 10 | 33.3 | 22 | 6 | AR236280 | AR236280 Sequence |
| 393 | 10 | 33.3 | 22 | 6 | AR371486 | AR371486 Sequence |
| c 394 | 10 | 33.3 | 22 | 6 | AX115595 | AX115595 Sequence |
| 395 | 10 | 33.3 | 22 | 6 | AX195440 | AX195440 Sequence |
| c 396 | 10 | 33.3 | 22 | 6 | AX357983 | AX357983 Sequence |
| 397 | 10 | 33.3 | 22 | 6 | AX466892 | AX466892 Sequence |
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| 399 | 10 | 33.3 | 22 | 6 | AX937570 | AX937570 Sequence |
| 400 | 10 | 33.3 | 22 | 6 | BD013066 | BD013066 Cyclic de |
| 401 | 10 | 33.3 | 22 | 6 | BD013080 | BD013080 Regulator |
| c 402 | 10 | 33.3 | 23 | 6 | A04126 | A04126 Synthetic o |
| 403 | 10 | 33.3 | 23 | 6 | AX298462 | AX298462 Sequence |

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| c 408 | 10 | 33.3 | 24 | 6 | AR037786 | AR037786 | Sequence |
| 409 | 10 | 33.3 | 24 | 6 | AR037801 | AR037801 | Sequence |
| c 410 | 10 | 33.3 | 24 | 6 | AR037842 | AR037842 | Sequence |
| 411 | 10 | 33.3 | 24 | 6 | CQ785913 | CQ785913 | Sequence |
| c 412 | 10 | 33.3 | 24 | 6 | I32619 | I32619 | Sequence 4 |
| 413 | 10 | 33.3 | 24 | 6 | I32634 | I32634 | Sequence 19 |
| c 414 | 10 | 33.3 | 24 | 6 | AR478988 | AR478988 | Sequence |
| 415 | 10 | 33.3 | 24 | 6 | AX148236 | AX148236 | Sequence |
| 416 | 10 | 33.3 | 24 | 6 | AX148284 | AX148284 | Sequence |
| c 417 | 10 | 33.3 | 24 | 6 | AX288339 | AX288339 | Sequence |
| c 418 | 10 | 33.3 | 24 | 6 | AX445856 | AX445856 | Sequence |
| 419 | 10 | 33.3 | 24 | 6 | AX699587 | AX699587 | Sequence |
| c 420 | 10 | 33.3 | 24 | 6 | AX817560 | AX817560 | Sequence |
| c 421 | 10 | 33.3 | 24 | 6 | AX817562 | AX817562 | Sequence |
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| 423 | 10 | 33.3 | 24 | 6 | BD094842 | BD094842 | Novel pro |
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| c 426 | 10 | 33.3 | 25 | 6 | AR071647 | AR071647 | Sequence |
| c 427 | 10 | 33.3 | 25 | 6 | BD263108 | BD263108 | Phosphodi |
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| 429 | 10 | 33.3 | 25 | 6 | AR239235 | AR239235 | Sequence |
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| 435 | 10 | 33.3 | 25 | 6 | AX279037 | AX279037 | Sequence |
| c 436 | 10 | 33.3 | 25 | 6 | AX403508 | AX403508 | Sequence |
| 437 | 10 | 33.3 | 25 | 6 | AX511858 | AX511858 | Sequence |
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| c 446 | 10 | 33.3 | 26 | 6 | AX703018 | AX703018 | Sequence |
| c 447 | 10 | 33.3 | 26 | 6 | BD016449 | BD016449 | Gene deri |
| c 448 | 10 | 33.3 | 26 | 6 | BD085711 | BD085711 | Scavenger |
| 449 | 10 | 33.3 | 26 | 6 | BD134691 | BD134691 | Human mal |
| 450 | 10 | 33.3 | 27 | 6 | AR014464 | AR014464 | Sequence |
| 451 | 10 | 33.3 | 27 | 6 | AR014466 | AR014466 | Sequence |
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| c 459 | 10 | 33.3 | 27 | 6 | BD217981 | BD217981 | Regulatio |
| c 460 | 10 | 33.3 | 27 | 6 | BD217982 | BD217982 | Regulatio |

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| 461 | 10 | 33.3 | 27 | 6 | BD233786 | BD233786 Polynucle |
| c 462 | 10 | 33.3 | 27 | 6 | BD273263 | BD273263 Methods f |
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| c 467 | 10 | 33.3 | 27 | 6 | AR274207 | AR274207 Sequence |
| c 468 | 10 | 33.3 | 27 | 6 | AR274208 | AR274208 Sequence |
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| c 473 | 10 | 33.3 | 27 | 6 | AR430861 | AR430861 Sequence |
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| 494 | 10 | 33.3 | 29 | 6 | AR448656 | AR448656 Sequence |
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| c 499 | 10 | 33.3 | 29 | 6 | BD167370 | BD167370 Protein p |
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| 501 | 10 | 33.3 | 30 | 6 | AR012291 | AR012291 Sequence |
| 502 | 10 | 33.3 | 30 | 6 | AR028314 | AR028314 Sequence |
| c 503 | 10 | 33.3 | 30 | 6 | AR118762 | AR118762 Sequence |
| 504 | 10 | 33.3 | 30 | 6 | AR178227 | AR178227 Sequence |
| c 505 | 10 | 33.3 | 30 | 6 | CQ797684 | CQ797684 Sequence |
| c 506 | 10 | 33.3 | 30 | 6 | I06394 | I06394 Sequence 14 |
| 507 | 10 | 33.3 | 30 | 6 | I14989 | I14989 Sequence 75 |
| 508 | 10 | 33.3 | 30 | 6 | I73709 | I73709 Sequence 75 |
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| c 510 | 10 | 33.3 | 30 | 6 | AX058671 | AX058671 Sequence |
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| c 514 | 10 | 33.3 | 30 | 6 | BD168848 | BD168848 Antibody |
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| 516 | 10 | 33.3 | 31 | 6 | AX589671 | AX589671 Sequence |
| c 517 | 10 | 33.3 | 31 | 6 | AX961299 | AX961299 Sequence |

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| 518 | 10 | 33.3 | 31 | 6 | BD002499 | BD002499 Gene comp |
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| c 520 | 10 | 33.3 | 32 | 6 | AR491968 | AR491968 Sequence |
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| c 524 | 10 | 33.3 | 32 | 6 | AX801707 | AX801707 Sequence |
| c 525 | 10 | 33.3 | 32 | 6 | BD081196 | BD081196 Persephin |
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| c 535 | 10 | 33.3 | 34 | 6 | I21177 | I21177 Sequence 23 |
| c 536 | 10 | 33.3 | 34 | 6 | I74444 | I74444 Sequence 23 |
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| 539 | 10 | 33.3 | 34 | 6 | AR233131 | AR233131 Sequence |
| 540 | 10 | 33.3 | 34 | 6 | AR353336 | AR353336 Sequence |
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| 542 | 10 | 33.3 | 34 | 6 | AX429630 | AX429630 Sequence |
| 543 | 10 | 33.3 | 34 | 6 | AX557063 | AX557063 Sequence |
| 544 | 10 | 33.3 | 34 | 6 | AX832615 | AX832615 Sequence |
| 545 | 10 | 33.3 | 34 | 6 | BD006359 | BD006359 Compounds |
| 546 | 10 | 33.3 | 34 | 6 | BD006479 | BD006479 Compounds |
| 547 | 10 | 33.3 | 34 | 6 | BD069319 | BD069319 Compounds |
| c 548 | 10 | 33.3 | 35 | 6 | A68639 | A68639 Sequence 7 |
| c 549 | 10 | 33.3 | 35 | 6 | BD205242 | BD205242 Cells gen |
| c 550 | 10 | 33.3 | 35 | 6 | BD235828 | BD235828 Inductibl |
| c 551 | 10 | 33.3 | 35 | 6 | E07958 | E07958 Primer. 9/1 |
| c 552 | 10 | 33.3 | 35 | 6 | AR194193 | AR194193 Sequence |
| c 553 | 10 | 33.3 | 35 | 6 | AR221289 | AR221289 Sequence |
| c 554 | 10 | 33.3 | 35 | 6 | AR243207 | AR243207 Sequence |
| 555 | 10 | 33.3 | 35 | 6 | AR452221 | AR452221 Sequence |
| 556 | 10 | 33.3 | 35 | 6 | AX262313 | AX262313 Sequence |
| c 557 | 10 | 33.3 | 35 | 6 | AX511880 | AX511880 Sequence |
| c 558 | 10 | 33.3 | 35 | 6 | AX839719 | AX839719 Sequence |
| c 559 | 10 | 33.3 | 35 | 11 | C75741 | C75741 Homo sapien |
| c 560 | 10 | 33.3 | 36 | 6 | A89672 | A89672 Sequence 4 |
| c 561 | 10 | 33.3 | 36 | 6 | A89809 | A89809 Sequence 4 |
| c 562 | 10 | 33.3 | 36 | 6 | AR151687 | AR151687 Sequence |
| 563 | 10 | 33.3 | 36 | 6 | I06215 | I06215 Sequence 1 |
| 564 | 10 | 33.3 | 36 | 6 | I08267 | I08267 Sequence 1 |
| 565 | 10 | 33.3 | 36 | 6 | I25210 | I25210 Sequence 4 |
| 566 | 10 | 33.3 | 36 | 6 | I35297 | I35297 Sequence 26 |
| c 567 | 10 | 33.3 | 36 | 6 | BD141422 | BD141422 Protein d |
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| c 571 | 10 | 33.3 | 37 | 6 | AR080972 | AR080972 Sequence |
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| c 573 | 10 | 33.3 | 37 | 6 | I24974 | I24974 Sequence 14 |
| c 574 | 10 | 33.3 | 37 | 6 | I60278 | I60278 Sequence 12 |

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| 575 | 10 | 33.3 | 37 | 6 | I60320 | I60320 Sequence 54 |
| c 576 | 10 | 33.3 | 37 | 6 | I60321 | I60321 Sequence 55 |
| 577 | 10 | 33.3 | 37 | 6 | I60322 | I60322 Sequence 56 |
| c 578 | 10 | 33.3 | 37 | 6 | AX058848 | AX058848 Sequence |
| c 579 | 10 | 33.3 | 37 | 6 | AX647936 | AX647936 Sequence |
| 580 | 10 | 33.3 | 38 | 6 | A26131 | A26131 Artificial |
| 581 | 10 | 33.3 | 38 | 6 | A29558 | A29558 K.lactis ge |
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| 587 | 10 | 33.3 | 38 | 6 | AR330418 | AR330418 Sequence |
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| 603 | 10 | 33.3 | 39 | 6 | AR174275 | AR174275 Sequence |
| 604 | 10 | 33.3 | 39 | 6 | AR179168 | AR179168 Sequence |
| 605 | 10 | 33.3 | 39 | 6 | BD217953 | BD217953 Regulatio |
| c 606 | 10 | 33.3 | 39 | 6 | I56857 | I56857 Sequence 4 |
| 607 | 10 | 33.3 | 39 | 6 | AR274179 | AR274179 Sequence |
| c 608 | 10 | 33.3 | 39 | 6 | AR303007 | AR303007 Sequence |
| c 609 | 10 | 33.3 | 39 | 6 | AR303008 | AR303008 Sequence |
| 610 | 10 | 33.3 | 39 | 6 | AR430842 | AR430842 Sequence |
| c 611 | 10 | 33.3 | 40 | 6 | AR009866 | AR009866 Sequence |
| c 612 | 10 | 33.3 | 40 | 6 | AR035940 | AR035940 Sequence |
| c 613 | 10 | 33.3 | 40 | 6 | I20176 | I20176 Sequence 13 |
| c 614 | 10 | 33.3 | 40 | 6 | AR340354 | AR340354 Sequence |
| 615 | 10 | 33.3 | 40 | 6 | AX538316 | AX538316 Sequence |
| 616 | 10 | 33.3 | 40 | 6 | AX538388 | AX538388 Sequence |
| c 617 | 10 | 33.3 | 40 | 6 | AX538391 | AX538391 Sequence |
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| c 620 | 10 | 33.3 | 41 | 6 | AX515867 | AX515867 Sequence |
| c 621 | 10 | 33.3 | 41 | 6 | AX521124 | AX521124 Sequence |
| 622 | 10 | 33.3 | 41 | 6 | AX521131 | AX521131 Sequence |
| 623 | 10 | 33.3 | 42 | 6 | E13595 | E13595 Ribozyme wh |
| 624 | 10 | 33.3 | 43 | 6 | BD227025 | BD227025 Cytosine |
| c 625 | 10 | 33.3 | 43 | 6 | AR183093 | AR183093 Sequence |
| c 626 | 10 | 33.3 | 43 | 6 | AR431810 | AR431810 Sequence |
| 627 | 10 | 33.3 | 43 | 6 | AX484533 | AX484533 Sequence |
| c 628 | 10 | 33.3 | 43 | 6 | BD086449 | BD086449 Peptide c |
| c 629 | 10 | 33.3 | 45 | 6 | A94953 | A94953 Sequence 38 |
| 630 | 10 | 33.3 | 45 | 6 | A94954 | A94954 Sequence 39 |
| c 631 | 10 | 33.3 | 45 | 6 | AR194143 | AR194143 Sequence |

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| 632 | 10 | 33.3 | 45 | 6 | AR410184 | AR410184 Sequence |
| c 633 | 10 | 33.3 | 45 | 6 | AR410185 | AR410185 Sequence |
| 634 | 10 | 33.3 | 45 | 6 | AX576977 | AX576977 Sequence |
| c 635 | 10 | 33.3 | 45 | 6 | AX576978 | AX576978 Sequence |
| c 636 | 10 | 33.3 | 45 | 9 | S66961 | S66961 TCR beta V |
| 637 | 10 | 33.3 | 45 | 11 | BX664039 | BX664039 Arabidops |
| c 638 | 10 | 33.3 | 46 | 6 | AX685558 | AX685558 Sequence |
| c 639 | 10 | 33.3 | 47 | 6 | AR288703 | AR288703 Sequence |
| 640 | 10 | 33.3 | 47 | 6 | AR288809 | AR288809 Sequence |
| 641 | 10 | 33.3 | 47 | 6 | AR289679 | AR289679 Sequence |
| 642 | 10 | 33.3 | 47 | 6 | AR290623 | AR290623 Sequence |
| c 643 | 10 | 33.3 | 47 | 6 | AR291569 | AR291569 Sequence |
| 644 | 10 | 33.3 | 47 | 6 | AX194665 | AX194665 Sequence |
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| 646 | 10 | 33.3 | 48 | 6 | BD233862 | BD233862 Novel met |
| 647 | 10 | 33.3 | 48 | 6 | I28935 | I28935 Sequence 1 |
| 648 | 10 | 33.3 | 48 | 6 | AR182524 | AR182524 Sequence |
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| 650 | 10 | 33.3 | 48 | 6 | AX025277 | AX025277 Sequence |
| 651 | 10 | 33.3 | 48 | 6 | AX244175 | AX244175 Sequence |
| c 652 | 10 | 33.3 | 48 | 10 | MMU39309 | U39309 Mus musculu |
| c 653 | 10 | 33.3 | 48 | 10 | MMU39312 | U39312 Mus musculu |
| c 654 | 10 | 33.3 | 49 | 6 | AR239891 | AR239891 Sequence |
| c 655 | 10 | 33.3 | 49 | 6 | AX279693 | AX279693 Sequence |
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| c 657 | 10 | 33.3 | 50 | 6 | CQ005934 | CQ005934 Sequence |
| 658 | 10 | 33.3 | 50 | 6 | CQ008994 | CQ008994 Sequence |
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| c 661 | 10 | 33.3 | 50 | 6 | AX199666 | AX199666 Sequence |
| 662 | 10 | 33.3 | 50 | 6 | AX951955 | AX951955 Sequence |
| 663 | 10 | 33.3 | 50 | 6 | AX952549 | AX952549 Sequence |
| c 664 | 10 | 33.3 | 50 | 10 | MMU41981 | U41981 Mus musculu |
| 665 | 10 | 33.3 | 51 | 6 | CQ002635 | CQ002635 Sequence |
| c 666 | 10 | 33.3 | 51 | 6 | CQ002984 | CQ002984 Sequence |
| 667 | 10 | 33.3 | 51 | 6 | CQ003272 | CQ003272 Sequence |
| 668 | 10 | 33.3 | 51 | 6 | CQ005140 | CQ005140 Sequence |
| 669 | 10 | 33.3 | 51 | 6 | CQ007898 | CQ007898 Sequence |
| 670 | 10 | 33.3 | 51 | 6 | AR444348 | AR444348 Sequence |
| c 671 | 10 | 33.3 | 51 | 6 | AR444503 | AR444503 Sequence |
| 672 | 10 | 33.3 | 51 | 6 | AX107573 | AX107573 Sequence |
| c 673 | 10 | 33.3 | 51 | 6 | AX114897 | AX114897 Sequence |
| 674 | 10 | 33.3 | 51 | 6 | AX115561 | AX115561 Sequence |
| c 675 | 10 | 33.3 | 51 | 6 | AX156825 | AX156825 Sequence |
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| c 677 | 10 | 33.3 | 51 | 6 | AX156876 | AX156876 Sequence |
| 678 | 10 | 33.3 | 51 | 6 | AX157305 | AX157305 Sequence |
| 679 | 10 | 33.3 | 51 | 6 | AX157306 | AX157306 Sequence |
| 680 | 10 | 33.3 | 51 | 6 | AX159806 | AX159806 Sequence |
| c 681 | 10 | 33.3 | 51 | 6 | AX159975 | AX159975 Sequence |
| c 682 | 10 | 33.3 | 51 | 6 | AX159976 | AX159976 Sequence |
| c 683 | 10 | 33.3 | 51 | 6 | AX165508 | AX165508 Sequence |
| c 684 | 10 | 33.3 | 51 | 6 | AX165766 | AX165766 Sequence |
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| 686 | 10 | 33.3 | 51 | 6 | AX199233 | AX199233 Sequence |
| 687 | 10 | 33.3 | 51 | 6 | AX199234 | AX199234 Sequence |
| c 688 | 10 | 33.3 | 51 | 6 | AX199665 | AX199665 Sequence |

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| c 689 | 10 | 33.3 | 51 | 6 | AX204029 | AX204029 Sequence |
| 690 | 10 | 33.3 | 51 | 6 | AX204480 | AX204480 Sequence |
| 691 | 10 | 33.3 | 51 | 10 | MDTRVNJD | X63582 M.domesticu |
| 692 | 10 | 33.3 | 51 | 11 | BV183658 | BV183658 sqnm13991 |
| c 693 | 10 | 33.3 | 52 | 6 | I95120 | I95120 Sequence 3 |
| 694 | 10 | 33.3 | 53 | 6 | I13035 | I13035 Sequence 12 |
| c 695 | 10 | 33.3 | 54 | 6 | BD271055 | BD271055 Method an |
| c 696 | 10 | 33.3 | 54 | 6 | BD271060 | BD271060 Method an |
| c 697 | 10 | 33.3 | 54 | 6 | AR258461 | AR258461 Sequence |
| c 698 | 10 | 33.3 | 54 | 6 | AR258466 | AR258466 Sequence |
| c 699 | 10 | 33.3 | 54 | 6 | AX138280 | AX138280 Sequence |
| 700 | 10 | 33.3 | 54 | 6 | AX138281 | AX138281 Sequence |
| 701 | 10 | 33.3 | 54 | 9 | AF305528 | AF305528 Homo sapi |
| c 702 | 10 | 33.3 | 55 | 6 | E22323 | E22323 DNA encodin |
| 703 | 10 | 33.3 | 55 | 6 | E22326 | E22326 DNA encodin |
| c 704 | 10 | 33.3 | 55 | 9 | S76375 | S76375 PML-RARA fu |
| c 705 | 10 | 33.3 | 56 | 10 | AF417933S2 | AF417934 Mus muscu |
| c 706 | 10 | 33.3 | 57 | 6 | AR034325 | AR034325 Sequence |
| c 707 | 10 | 33.3 | 57 | 6 | AR050846 | AR050846 Sequence |
| c 708 | 10 | 33.3 | 57 | 6 | AR053851 | AR053851 Sequence |
| c 709 | 10 | 33.3 | 57 | 6 | AR091632 | AR091632 Sequence |
| c 710 | 10 | 33.3 | 57 | 6 | AR117511 | AR117511 Sequence |
| c 711 | 10 | 33.3 | 57 | 9 | HSTBX10S5 | AF033578 Homo sapi |
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| c 714 | 10 | 33.3 | 59 | 9 | HSCLCHX20 | Z25765 Homo sapien |
| c 715 | 10 | 33.3 | 59 | 10 | MMZ95146 | Z95146 M.musculus |
| c 716 | 10 | 33.3 | 60 | 6 | CQ535333 | CQ535333 Sequence |
| 717 | 10 | 33.3 | 60 | 6 | CQ535726 | CQ535726 Sequence |
| c 718 | 10 | 33.3 | 60 | 6 | CQ536065 | CQ536065 Sequence |
| 719 | 10 | 33.3 | 60 | 6 | CQ536275 | CQ536275 Sequence |
| c 720 | 10 | 33.3 | 60 | 6 | CQ536487 | CQ536487 Sequence |
| c 721 | 10 | 33.3 | 60 | 6 | CQ536548 | CQ536548 Sequence |
| c 722 | 10 | 33.3 | 60 | 6 | CQ536777 | CQ536777 Sequence |
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| 726 | 10 | 33.3 | 60 | 6 | CQ537884 | CQ537884 Sequence |
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| c 728 | 10 | 33.3 | 60 | 6 | CQ539126 | CQ539126 Sequence |
| 729 | 10 | 33.3 | 60 | 6 | CQ539239 | CQ539239 Sequence |
| c 730 | 10 | 33.3 | 60 | 6 | CQ539640 | CQ539640 Sequence |
| 731 | 10 | 33.3 | 60 | 6 | CQ540047 | CQ540047 Sequence |
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| c 733 | 10 | 33.3 | 60 | 6 | CQ540615 | CQ540615 Sequence |
| c 734 | 10 | 33.3 | 60 | 6 | CQ540696 | CQ540696 Sequence |
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| c 736 | 10 | 33.3 | 60 | 6 | CQ541343 | CQ541343 Sequence |
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| 743 | 10 | 33.3 | 60 | 6 | CQ542645 | CQ542645 Sequence |
| c 744 | 10 | 33.3 | 60 | 6 | CQ543601 | CQ543601 Sequence |
| c 745 | 10 | 33.3 | 60 | 6 | CQ543842 | CQ543842 Sequence |

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| 747 | 10 | 33.3 | 60 | 6 | CQ544371 | CQ544371 | Sequence |
| 748 | 10 | 33.3 | 60 | 6 | CQ544379 | CQ544379 | Sequence |
| 749 | 10 | 33.3 | 60 | 6 | CQ544526 | CQ544526 | Sequence |
| c 750 | 10 | 33.3 | 60 | 6 | CQ544716 | CQ544716 | Sequence |
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| c 753 | 10 | 33.3 | 60 | 6 | CQ545488 | CQ545488 | Sequence |
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| c 762 | 10 | 33.3 | 60 | 6 | CQ549532 | CQ549532 | Sequence |
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| 771 | 10 | 33.3 | 60 | 6 | CQ552809 | CQ552809 | Sequence |
| 772 | 10 | 33.3 | 60 | 6 | CQ552918 | CQ552918 | Sequence |
| 773 | 10 | 33.3 | 60 | 6 | CQ553244 | CQ553244 | Sequence |
| c 774 | 10 | 33.3 | 60 | 6 | CQ553371 | CQ553371 | Sequence |
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| c 781 | 10 | 33.3 | 60 | 6 | AX934888 | AX934888 | Sequence |
| 782 | 10 | 33.3 | 60 | 6 | BD087090 | BD087090 | Erythrovi |
| 783 | 10 | 33.3 | 60 | 8 | CNS019CB | AL111459 | Botrytis |
| c 784 | 10 | 33.3 | 62 | 6 | AR156363 | AR156363 | Sequence |
| c 785 | 10 | 33.3 | 62 | 6 | AR255678 | AR255678 | Sequence |
| 786 | 10 | 33.3 | 63 | 6 | AX360304 | AX360304 | Sequence |
| c 787 | 10 | 33.3 | 63 | 9 | S72813 | S72813 | HLA DQ-A=MH |
| c 788 | 10 | 33.3 | 63 | 9 | S72814 | S72814 | HLA DQ-A=MH |
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| c 797 | 10 | 33.3 | 65 | 6 | CQ532051 | CQ532051 | Sequence |
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| c 801 | 10 | 33.3 | 65 | 6 | CQ533103 | CQ533103 | Sequence |
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| c 841 | 10 | 33.3 | 68 | 6 | AX701714 | AX701714 Sequence |
| c 842 | 10 | 33.3 | 68 | 6 | AX977604 | AX977604 Sequence |
| c 843 | 10 | 33.3 | 68 | 6 | BD112463 | BD112463 EST and e |
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| 845 | 10 | 33.3 | 69 | 6 | I79547 | I79547 Sequence 20 |
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| c 878 | 10 | 33.3 | 77 | 6 | BD034898 | BD034898 Sequence |
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| 898 | 10 | 33.3 | 84 | 6 | AR063619 | AR063619 Sequence |
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| 900 | 10 | 33.3 | 84 | 6 | BD246446 | BD246446 Developme |
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| c 902 | 10 | 33.3 | 84 | 6 | AX438897 | AX438897 Sequence |
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| c 904 | 10 | 33.3 | 86 | 6 | A94957 | A94957 Sequence 42 |
| 905 | 10 | 33.3 | 86 | 6 | A94958 | A94958 Sequence 43 |
| c 906 | 10 | 33.3 | 87 | 6 | A94959 | A94959 Sequence 44 |
| 907 | 10 | 33.3 | 87 | 6 | A94960 | A94960 Sequence 45 |
| 908 | 10 | 33.3 | 87 | 6 | CQ748616 | CQ748616 Sequence |
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| c 911 | 10 | 33.3 | 88 | 6 | AX031009 | AX031009 Sequence |
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| 916 | 10 | 33.3 | 90 | 6 | CQ081122 | CQ081122 Sequence |

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| 939 | 10 | 33.3 | 94 | 6 | AX676436 | AX676436 Sequence |
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| 945 | 10 | 33.3 | 96 | 6 | AR071707 | AR071707 Sequence |
| c 946 | 10 | 33.3 | 96 | 6 | I25172 | I25172 Sequence 7 |
| 947 | 10 | 33.3 | 96 | 6 | I25173 | I25173 Sequence 8 |
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| c 950 | 10 | 33.3 | 96 | 6 | AX394193 | AX394193 Sequence |
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| 954 | 10 | 33.3 | 97 | 6 | AR017647 | AR017647 Sequence |
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| 960 | 10 | 33.3 | 98 | 6 | AX031022 | AX031022 Sequence |
| 961 | 10 | 33.3 | 98 | 6 | AX083535 | AX083535 Sequence |
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| c 995 | 10 | 33.3 | 100 | 6 | AX995304 | AX995304 | Sequence |
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| 999 | 10 | 33.3 | 100 | 6 | AX997250 | AX997250 | Sequence |
| c1000 | 10 | 33.3 | 100 | 6 | AX997351 | AX997351 | Sequence |

GenCore version 5.1.6

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 03:50:11 ; Search time 123.402 Seconds
(without alignments)
1276.175 Million cell updates/sec

Title: US-09-463-209D-1_COPY_54_83
Perfect score: 30
Sequence: 1 aggtggaagcatggtgacatgtggagctga 30

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 4134886 seqs, 2624710521 residues

Word size : 10

Total number of hits satisfying chosen parameters: 1587

Minimum DB seq length: 0

Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

Database : N_Geneseq_23Sep04:*
1: geneseqn1980s:*
2: geneseqn1990s:*
3: geneseqn2000s:*
4: geneseqn2001as:*
5: geneseqn2001bs:*
6: geneseqn2002as:*
7: geneseqn2002bs:*
8: geneseqn2003as:*
9: geneseqn2003bs:*
10: geneseqn2003cs:*
11: geneseqn2003ds:*
12: geneseqn2004s:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| | | % | | | | | Description |
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| Result | Query | | | | | | |
| No. | Score | Match | Length | DB | ID | | |
| 1 | 27 | 90.0 | 77 | 2 | AAV79255 | | Aav79255 Staphyloc |
| 2 | 18 | 60.0 | 18 | 2 | AAX02741 | | Aax02741 S. aureus |
| 3 | 15 | 50.0 | 20 | 10 | ABZ89848 | | Abz89848 Human oli |
| 4 | 15 | 50.0 | 20 | 11 | ABD26078 | | Abd26078 AA463249- |
| c 5 | 14 | 46.7 | 31 | 2 | AAQ65372 | | Aaq65372 Fish gona |
| c 6 | 14 | 46.7 | 50 | 10 | ADG84324 | | Adg84324 Human TMD |

| | | | | | | | |
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| c | 7 | 13 | 43.3 | 20 | 2 | AAQ65364 | Aaq65364 Fish gona |
| c | 8 | 13 | 43.3 | 20 | 10 | ACF17108 | Acf17108 Human NOV |
| | 9 | 13 | 43.3 | 21 | 12 | ADK95598 | Adk95598 Primer of |
| c | 10 | 13 | 43.3 | 21 | 12 | ADN36650 | Adn36650 Human pro |
| c | 11 | 13 | 43.3 | 21 | 12 | ADN36620 | Adn36620 Human pro |
| c | 12 | 13 | 43.3 | 21 | 12 | ADN36619 | Adn36619 Human pro |
| c | 13 | 13 | 43.3 | 23 | 10 | ADD13887 | Add13887 Human vH |
| | 14 | 13 | 43.3 | 27 | 2 | AAX04762 | Aax04762 Antisense |
| | 15 | 13 | 43.3 | 27 | 5 | AAF61794 | Aaf61794 B. brevis |
| c | 16 | 13 | 43.3 | 33 | 5 | AAI71548 | Aai71548 Human rib |
| c | 17 | 13 | 43.3 | 33 | 6 | ABA95346 | Aba95346 Human nat |
| c | 18 | 13 | 43.3 | 37 | 3 | AAA05919 | Aaa05919 Group B S |
| | 19 | 13 | 43.3 | 43 | 2 | AAV31595 | Aav31595 Fragment |
| | 20 | 13 | 43.3 | 43 | 8 | ACA63329 | Aca63329 Self asse |
| c | 21 | 13 | 43.3 | 65 | 6 | ABN55160 | Abn55160 Mouse spl |
| c | 22 | 13 | 43.3 | 100 | 8 | ACD79160 | Acd79160 E. coli K |
| c | 23 | 13 | 43.3 | 100 | 8 | ACD79159 | Acd79159 E. coli K |
| | 24 | 12 | 40.0 | 19 | 2 | AAV72767 | Aav72767 Corn kern |
| c | 25 | 12 | 40.0 | 19 | 12 | ADI26828 | Adi26828 Mouse cyc |
| c | 26 | 12 | 40.0 | 20 | 4 | AAH38365 | Aah38365 SNP speci |
| | 27 | 12 | 40.0 | 20 | 6 | ABN80850 | Abn80850 Human cas |
| | 28 | 12 | 40.0 | 20 | 10 | ABZ89847 | Abz89847 Human oli |
| | 29 | 12 | 40.0 | 20 | 11 | ABD26077 | Abd26077 AA463249- |
| | 30 | 12 | 40.0 | 20 | 12 | ADP81985 | Adp81985 Human MAL |
| c | 31 | 12 | 40.0 | 21 | 12 | ADN36649 | Adn36649 Human pro |
| c | 32 | 12 | 40.0 | 22 | 12 | ADO12584 | Ado12584 Single mu |
| | 33 | 12 | 40.0 | 24 | 6 | ABQ04118 | Abq04118 Oligonucl |
| | 34 | 12 | 40.0 | 24 | 6 | ABQ10405 | Abq10405 Oligonucl |
| c | 35 | 12 | 40.0 | 24 | 6 | ABQ04077 | Abq04077 Oligonucl |
| c | 36 | 12 | 40.0 | 24 | 6 | ABQ10368 | Abq10368 Oligonucl |
| c | 37 | 12 | 40.0 | 24 | 6 | ABQ00041 | Abq00041 Oligonucl |
| c | 38 | 12 | 40.0 | 25 | 6 | ABQ11904 | Abq11904 Oligonucl |
| | 39 | 12 | 40.0 | 25 | 6 | ABQ11941 | Abq11941 Oligonucl |
| c | 40 | 12 | 40.0 | 25 | 6 | ADH49254 | Adh49254 NOV90 PCR |
| c | 41 | 12 | 40.0 | 25 | 8 | ACC70843 | Acc70843 Human G-p |
| c | 42 | 12 | 40.0 | 25 | 12 | ADP16203 | Adp16203 Renal cel |
| c | 43 | 12 | 40.0 | 30 | 4 | AAS12176 | Aas12176 Human pot |
| | 44 | 12 | 40.0 | 31 | 10 | ABZ77865 | Abz77865 Cytosine |
| | 45 | 12 | 40.0 | 33 | 6 | ABK89450 | Abk89450 Human zin |
| | 46 | 12 | 40.0 | 33 | 6 | ABK11059 | Abk11059 Polypepti |
| | 47 | 12 | 40.0 | 37 | 4 | AAS42870 | Aas42870 Human G P |
| | 48 | 12 | 40.0 | 38 | 6 | ACN26034 | Acn26034 WNV minus |
| c | 49 | 12 | 40.0 | 40 | 2 | AAT70614 | Aat70614 Ligand L9 |
| | 50 | 12 | 40.0 | 40 | 6 | ABQ78876 | Abq78876 PCR prime |
| | 51 | 12 | 40.0 | 41 | 6 | ABK11062 | Abk11062 Polypepti |
| | 52 | 12 | 40.0 | 41 | 6 | ABK11061 | Abk11061 Polypepti |
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| c | 54 | 12 | 40.0 | 50 | 4 | AAI76449 | Aai76449 Human sil |
| c | 55 | 12 | 40.0 | 50 | 4 | AAI76447 | Aai76447 Human sil |
| | 56 | 12 | 40.0 | 51 | 4 | AAL29834 | Aal29834 Human SNP |
| c | 57 | 12 | 40.0 | 51 | 4 | AAL33023 | Aal33023 Human SNP |
| c | 58 | 12 | 40.0 | 51 | 4 | AAI76446 | Aai76446 Human sil |
| | 59 | 12 | 40.0 | 51 | 4 | AAI79865 | Aai79865 Human non |
| c | 60 | 12 | 40.0 | 51 | 4 | AAI76448 | Aai76448 Human sil |
| c | 61 | 12 | 40.0 | 51 | 5 | ABL00379 | Abl00379 Human sil |
| | 62 | 12 | 40.0 | 52 | 2 | AAV79407 | Aav79407 Staphyloc |
| c | 63 | 12 | 40.0 | 52 | 2 | AAV79392 | Aav79392 Staphyloc |

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|---|-----|----|------|-----|----|----------|--------------------|
| | 64 | 12 | 40.0 | 53 | 2 | AAQ25716 | Aaq25716 Sequence |
| c | 65 | 12 | 40.0 | 55 | 6 | ABV97391 | Abv97391 Human pan |
| | 66 | 12 | 40.0 | 60 | 6 | ABN40537 | Abn40537 Human spl |
| c | 67 | 12 | 40.0 | 60 | 6 | ABN35832 | Abn35832 Human spl |
| c | 68 | 12 | 40.0 | 60 | 6 | ABN48503 | Abn48503 Human spl |
| c | 69 | 12 | 40.0 | 60 | 6 | ABN34079 | Abn34079 Human spl |
| | 70 | 12 | 40.0 | 65 | 6 | ABN28711 | Abn28711 Rat splic |
| c | 71 | 12 | 40.0 | 65 | 6 | ABN57443 | Abn57443 Mouse spl |
| | 72 | 12 | 40.0 | 65 | 6 | ABN27474 | Abn27474 Rat splic |
| | 73 | 12 | 40.0 | 69 | 2 | AAT25559 | Aat25559 Human gen |
| c | 74 | 12 | 40.0 | 72 | 2 | AAX85094 | Aax85094 Periphera |
| c | 75 | 12 | 40.0 | 80 | 12 | ADM95774 | Adm95774 Rat antis |
| | 76 | 12 | 40.0 | 81 | 9 | ACC85413 | Acc85413 Xylanase |
| | 77 | 12 | 40.0 | 93 | 8 | ABT14836 | Abt14836 Human Bcl |
| c | 78 | 12 | 40.0 | 95 | 10 | ADF38125 | Adf38125 Synchroni |
| | 79 | 12 | 40.0 | 100 | 8 | ACD79369 | Acd79369 E. coli K |
| | 80 | 12 | 40.0 | 100 | 8 | ACD70061 | Acd70061 E. coli K |
| | 81 | 12 | 40.0 | 100 | 8 | ACD79368 | Acd79368 E. coli K |
| | 82 | 12 | 40.0 | 100 | 8 | ACD70062 | Acd70062 E. coli K |
| c | 83 | 11 | 36.7 | 14 | 6 | ABQ83255 | Abq83255 Expressed |
| c | 84 | 11 | 36.7 | 17 | 2 | AAT53786 | Aat53786 Rat ICAM |
| | 85 | 11 | 36.7 | 17 | 2 | AAX04764 | Aax04764 Antisense |
| | 86 | 11 | 36.7 | 17 | 6 | ABK57124 | Abk57124 Human CLC |
| | 87 | 11 | 36.7 | 17 | 6 | ABK57621 | Abk57621 Human CLC |
| | 88 | 11 | 36.7 | 17 | 6 | ABK56429 | Abk56429 Human CLC |
| c | 89 | 11 | 36.7 | 17 | 11 | ADL49528 | Adl49528 Human PKR |
| c | 90 | 11 | 36.7 | 17 | 11 | ADL49529 | Adl49529 Human PKR |
| c | 91 | 11 | 36.7 | 17 | 11 | ADL50027 | Adl50027 Human PKR |
| c | 92 | 11 | 36.7 | 17 | 11 | ADL49526 | Adl49526 Human PKR |
| c | 93 | 11 | 36.7 | 17 | 11 | ADL48897 | Adl48897 Human PKR |
| c | 94 | 11 | 36.7 | 17 | 11 | ADL49527 | Adl49527 Human PKR |
| c | 95 | 11 | 36.7 | 18 | 2 | AAQ70352 | Aaq70352 Antisense |
| c | 96 | 11 | 36.7 | 18 | 2 | AAQ70337 | Aaq70337 Antisense |
| c | 97 | 11 | 36.7 | 18 | 2 | AAQ70358 | Aaq70358 Antisense |
| c | 98 | 11 | 36.7 | 18 | 2 | AAT64406 | Aat64406 Protein k |
| c | 99 | 11 | 36.7 | 18 | 2 | AAT74240 | Aat74240 Mouse bg |
| c | 100 | 11 | 36.7 | 18 | 2 | AAV55621 | Aav55621 Down-regu |
| c | 101 | 11 | 36.7 | 18 | 10 | ADD10675 | Add10675 Protein k |
| c | 102 | 11 | 36.7 | 18 | 10 | ADD10681 | Add10681 Protein k |
| | 103 | 11 | 36.7 | 18 | 11 | ADM06763 | Adm06763 Human PCR |
| | 104 | 11 | 36.7 | 19 | 6 | ABQ93927 | Abq93927 Human NOV |
| | 105 | 11 | 36.7 | 19 | 12 | ADH01974 | Adh01974 Protein t |
| | 106 | 11 | 36.7 | 19 | 12 | ADH01975 | Adh01975 Protein t |
| c | 107 | 11 | 36.7 | 19 | 12 | ADK98125 | Adk98125 Primer of |
| | 108 | 11 | 36.7 | 19 | 12 | ADO10110 | Ado10110 Novel hum |
| | 109 | 11 | 36.7 | 19 | 12 | ADO16483 | Ado16483 4 synthes |
| | 110 | 11 | 36.7 | 19 | 12 | ADP11979 | Adp11979 Set 2 rig |
| c | 111 | 11 | 36.7 | 20 | 4 | AAD12161 | Aad12161 Rat PTP1B |
| | 112 | 11 | 36.7 | 20 | 6 | ABK68032 | Abk68032 Mouse HYP |
| c | 113 | 11 | 36.7 | 20 | 6 | ABK85236 | Abk85236 Rat PTPB1 |
| c | 114 | 11 | 36.7 | 20 | 6 | ABK37405 | Abk37405 Rat PTP1B |
| | 115 | 11 | 36.7 | 20 | 6 | ABK70936 | Abk70936 Mouse HYP |
| c | 116 | 11 | 36.7 | 20 | 6 | ABI93534 | Abi93534 Capture o |
| | 117 | 11 | 36.7 | 20 | 8 | AAD55329 | Aad55329 Human PKR |
| | 118 | 11 | 36.7 | 20 | 8 | ABT43263 | Abt43263 Neuroblas |
| | 119 | 11 | 36.7 | 20 | 8 | ABT32375 | Abt32375 Neuroblas |
| | 120 | 11 | 36.7 | 20 | 9 | ADA15075 | Ada15075 Mouse HYP |

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|-------|----|------|----|----|----------|--------------------|
| 121 | 11 | 36.7 | 20 | 9 | ADB95637 | Adb95637 Mouse HYP |
| 122 | 11 | 36.7 | 20 | 10 | ABZ89849 | Abz89849 Human oli |
| 123 | 11 | 36.7 | 20 | 11 | ABD26079 | Abd26079 AA463249- |
| c 124 | 11 | 36.7 | 20 | 12 | ADI13966 | Adi13966 Antisense |
| c 125 | 11 | 36.7 | 20 | 12 | ADI26893 | Adi26893 Cyclin de |
| c 126 | 11 | 36.7 | 20 | 12 | ADI26957 | Adi26957 Cyclin de |
| 127 | 11 | 36.7 | 20 | 12 | ADI27033 | Adi27033 Cyclin de |
| 128 | 11 | 36.7 | 20 | 12 | ADI27075 | Adi27075 Cyclin de |
| 129 | 11 | 36.7 | 20 | 12 | ADI34796 | Adi34796 Clusterin |
| c 130 | 11 | 36.7 | 20 | 12 | ADJ85904 | Adj85904 Nucleic a |
| 131 | 11 | 36.7 | 20 | 12 | ADJ38650 | Adj38650 Human res |
| c 132 | 11 | 36.7 | 20 | 12 | ADO51157 | Ado51157 Human tra |
| 133 | 11 | 36.7 | 21 | 2 | AAQ12618 | Aaq12618 Antisense |
| c 134 | 11 | 36.7 | 21 | 2 | AAQ43321 | Aaq43321 Sequence |
| c 135 | 11 | 36.7 | 21 | 2 | AAQ70357 | Aaq70357 Antisense |
| c 136 | 11 | 36.7 | 21 | 2 | AAQ70351 | Aaq70351 Antisense |
| 137 | 11 | 36.7 | 21 | 2 | AAT99968 | Aat99968 Primer P0 |
| c 138 | 11 | 36.7 | 21 | 2 | AAZ30649 | Aaz30649 Primer O |
| c 139 | 11 | 36.7 | 21 | 2 | AAX04577 | Aax04577 PCR prime |
| 140 | 11 | 36.7 | 21 | 2 | AAZ20509 | Aaz20509 PCR prime |
| 141 | 11 | 36.7 | 21 | 3 | AAZ77414 | Aaz77414 Human bia |
| 142 | 11 | 36.7 | 21 | 5 | AAF81063 | Aaf81063 PCR prime |
| 143 | 11 | 36.7 | 21 | 6 | ABK46908 | Abk46908 COX-2 ant |
| c 144 | 11 | 36.7 | 21 | 6 | ABK11110 | Abk11110 Forward P |
| 145 | 11 | 36.7 | 21 | 8 | AAL51986 | Aal51986 FGFR RT-P |
| 146 | 11 | 36.7 | 21 | 10 | ADD00737 | Add00737 Anti-HCV |
| c 147 | 11 | 36.7 | 21 | 10 | ACF80622 | Acf80622 Human lip |
| 148 | 11 | 36.7 | 21 | 10 | ADG92020 | Adg92020 Schizophr |
| c 149 | 11 | 36.7 | 21 | 10 | ABZ84324 | Abz84324 Toxicolog |
| c 150 | 11 | 36.7 | 21 | 12 | ADJ34427 | Adj34427 Human sec |
| c 151 | 11 | 36.7 | 21 | 12 | ADK98529 | Adk98529 Human pro |
| c 152 | 11 | 36.7 | 22 | 2 | AAT44676 | Aat44676 Human pap |
| c 153 | 11 | 36.7 | 22 | 2 | AAT77912 | Aat77912 Human pap |
| c 154 | 11 | 36.7 | 22 | 4 | AAH45059 | Aah45059 TOL2 tran |
| 155 | 11 | 36.7 | 22 | 5 | AAF81113 | Aaf81113 PCR prime |
| c 156 | 11 | 36.7 | 22 | 12 | ADO42863 | Ado42863 Primer of |
| c 157 | 11 | 36.7 | 23 | 2 | AAT69145 | Aat69145 Primer fo |
| 158 | 11 | 36.7 | 23 | 4 | AAC84592 | Aac84592 Corn cDNA |
| 159 | 11 | 36.7 | 23 | 4 | AAI66927 | Aai66927 SSP2 cDNA |
| c 160 | 11 | 36.7 | 23 | 6 | ABK10365 | Abk10365 Rat trans |
| 161 | 11 | 36.7 | 23 | 6 | ABL40763 | Abl40763 3' primer |
| 162 | 11 | 36.7 | 23 | 6 | AAL50088 | Aal50088 HS1 gene |
| c 163 | 11 | 36.7 | 23 | 6 | ABA95108 | Aba95108 TGFbeta1 |
| c 164 | 11 | 36.7 | 23 | 10 | ADC18715 | Adc18715 Rat TGF1b |
| c 165 | 11 | 36.7 | 23 | 12 | ADO52022 | Ado52022 Rat trans |
| c 166 | 11 | 36.7 | 24 | 2 | AAQ70356 | Aaq70356 Antisense |
| c 167 | 11 | 36.7 | 24 | 2 | AAQ70355 | Aaq70355 Antisense |
| 168 | 11 | 36.7 | 24 | 6 | ABS56959 | Abs56959 Pap phosp |
| c 169 | 11 | 36.7 | 24 | 6 | ABI84638 | Abi84638 Capture o |
| 170 | 11 | 36.7 | 24 | 6 | ABI83639 | Abi83639 Capture o |
| c 171 | 11 | 36.7 | 24 | 6 | ABI83638 | Abi83638 Capture o |
| 172 | 11 | 36.7 | 24 | 6 | ABI84639 | Abi84639 Capture o |
| 173 | 11 | 36.7 | 25 | 2 | AAT94937 | Aat94937 Primer #1 |
| 174 | 11 | 36.7 | 25 | 2 | AAT94939 | Aat94939 Primer #1 |
| 175 | 11 | 36.7 | 25 | 3 | AAA75575 | Aaa75575 PCR prime |
| c 176 | 11 | 36.7 | 25 | 4 | AAH76497 | Aah76497 Mouse TGF |
| c 177 | 11 | 36.7 | 25 | 4 | ABX14862 | Abx14862 Allyl alc |

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|-------|----|------|----|----|----------|--------------------|
| c 178 | 11 | 36.7 | 25 | 5 | ADI10126 | Adi10126 Sense pri |
| 179 | 11 | 36.7 | 25 | 6 | AAS20678 | Aas20678 Mouse Mar |
| 180 | 11 | 36.7 | 25 | 9 | ACI36512 | Aci36512 Human mic |
| c 181 | 11 | 36.7 | 25 | 9 | ACI72603 | Aci72603 Human mic |
| 182 | 11 | 36.7 | 25 | 9 | ACI36513 | Aci36513 Human mic |
| c 183 | 11 | 36.7 | 25 | 9 | ACI20425 | Aci20425 Human mic |
| c 184 | 11 | 36.7 | 25 | 9 | ACI58474 | Aci58474 Human mic |
| c 185 | 11 | 36.7 | 25 | 9 | ACK10932 | Ack10932 Human mic |
| 186 | 11 | 36.7 | 25 | 9 | ACI52416 | Aci52416 Human mic |
| c 187 | 11 | 36.7 | 25 | 9 | ACK05751 | Ack05751 Human mic |
| c 188 | 11 | 36.7 | 25 | 9 | ACI52599 | Aci52599 Human mic |
| 189 | 11 | 36.7 | 25 | 9 | ACK26050 | Ack26050 Human mic |
| c 190 | 11 | 36.7 | 25 | 9 | ACI20424 | Aci20424 Human mic |
| c 191 | 11 | 36.7 | 25 | 9 | ACH58347 | Ach58347 DNA targe |
| 192 | 11 | 36.7 | 25 | 10 | ADC54120 | Adc54120 PCR prime |
| 193 | 11 | 36.7 | 25 | 10 | ADH44615 | Adh44615 Mouse Zal |
| 194 | 11 | 36.7 | 25 | 10 | ADI00951 | Adi00951 PCR prime |
| 195 | 11 | 36.7 | 25 | 12 | ADP19774 | Adp19774 Mouse zal |
| c 196 | 11 | 36.7 | 25 | 12 | ADP15562 | Adp15562 Renal cel |
| c 197 | 11 | 36.7 | 25 | 12 | ADP15563 | Adp15563 Renal cel |
| c 198 | 11 | 36.7 | 25 | 12 | ADP16957 | Adp16957 Renal cel |
| 199 | 11 | 36.7 | 26 | 2 | AAV31588 | Aav31588 P1P94 seq |
| c 200 | 11 | 36.7 | 26 | 4 | AAF16843 | Aaf16843 Putative |
| c 201 | 11 | 36.7 | 26 | 4 | AAF17487 | Aaf17487 Putative |
| c 202 | 11 | 36.7 | 26 | 4 | AAC99424 | Aac99424 Primer #3 |
| c 203 | 11 | 36.7 | 26 | 6 | ABT06628 | Abt06628 PDZ domai |
| c 204 | 11 | 36.7 | 26 | 6 | ABQ96666 | Abq96666 prIL16 PD |
| c 205 | 11 | 36.7 | 26 | 10 | AAL57023 | Aal57023 Murine VE |
| c 206 | 11 | 36.7 | 27 | 2 | AAQ70354 | Aaq70354 Antisense |
| 207 | 11 | 36.7 | 27 | 3 | AAA46050 | Aaa46050 Human G p |
| 208 | 11 | 36.7 | 27 | 3 | AAD01149 | Aad01149 Human orp |
| c 209 | 11 | 36.7 | 27 | 4 | AAH43355 | Aah43355 TGF-beta |
| 210 | 11 | 36.7 | 27 | 8 | ACA93287 | Aca93287 Human GPC |
| 211 | 11 | 36.7 | 27 | 10 | ADG98797 | Adg98797 Human RUP |
| 212 | 11 | 36.7 | 27 | 11 | ADJ26960 | Adj26960 Human end |
| 213 | 11 | 36.7 | 27 | 12 | ADG86414 | Adg86414 Human end |
| 214 | 11 | 36.7 | 27 | 12 | ADP20207 | Adp20207 Human G p |
| c 215 | 11 | 36.7 | 29 | 2 | AAV29207 | Aav29207 Mouse cAM |
| 216 | 11 | 36.7 | 29 | 3 | AAF00027 | Aaf00027 Hammerhea |
| 217 | 11 | 36.7 | 29 | 3 | AAF06937 | Aaf06937 Hammerhea |
| 218 | 11 | 36.7 | 29 | 3 | AAC66568 | Aac66568 Human FGF |
| c 219 | 11 | 36.7 | 30 | 2 | AAQ27385 | Aaq27385 Proviral |
| c 220 | 11 | 36.7 | 30 | 8 | AAL60803 | Aal60803 Human ful |
| 221 | 11 | 36.7 | 30 | 10 | AAD60351 | Aad60351 Leader F |
| 222 | 11 | 36.7 | 31 | 4 | AAI30133 | Aai30133 Human sin |
| c 223 | 11 | 36.7 | 31 | 8 | ACD43710 | Acd43710 Human gen |
| 224 | 11 | 36.7 | 33 | 4 | AAF74476 | Aaf74476 Clone 213 |
| c 225 | 11 | 36.7 | 33 | 6 | ABA82770 | Aba82770 Human pro |
| c 226 | 11 | 36.7 | 33 | 6 | ABL49787 | Abl49787 Human Kaz |
| c 227 | 11 | 36.7 | 33 | 6 | ABL55648 | Abl55648 Human CD6 |
| c 228 | 11 | 36.7 | 34 | 9 | ACF06024 | Acf06024 Human NAD |
| c 229 | 11 | 36.7 | 34 | 10 | ADF56663 | Adf56663 Human mem |
| c 230 | 11 | 36.7 | 34 | 12 | ADL18641 | Adl18641 Human NAD |
| c 231 | 11 | 36.7 | 35 | 2 | AAX04126 | Aax04126 PEBP2-alp |
| 232 | 11 | 36.7 | 36 | 2 | AAT52944 | Aat52944 Mouse ICA |
| 233 | 11 | 36.7 | 36 | 2 | AAT53046 | Aat53046 Mouse ICA |
| c 234 | 11 | 36.7 | 36 | 2 | AAT85380 | Aat85380 Human gro |

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|-------|----|------|----|----|----------|-----------|-----------|
| c 235 | 11 | 36.7 | 36 | 3 | AAZ49328 | Aaz49328 | HTTER36 P |
| c 236 | 11 | 36.7 | 36 | 6 | ABS52886 | Abs52886 | Human gro |
| c 237 | 11 | 36.7 | 36 | 10 | AAD60628 | Aad60628 | Human HTT |
| 238 | 11 | 36.7 | 37 | 2 | AAQ71344 | Aaq71344 | Antisense |
| 239 | 11 | 36.7 | 38 | 2 | AAX02135 | Aax02135 | Human FEN |
| 240 | 11 | 36.7 | 38 | 6 | ABK19850 | Abk19850 | Human ERG |
| 241 | 11 | 36.7 | 38 | 6 | ABK58310 | Abk58310 | Human CLC |
| 242 | 11 | 36.7 | 38 | 6 | ACN27552 | Acn27552 | WNV minus |
| 243 | 11 | 36.7 | 38 | 6 | ACN15487 | Acn15487 | WNV Hamme |
| c 244 | 11 | 36.7 | 39 | 4 | AAF27910 | Aaf27910 | Human NOV |
| c 245 | 11 | 36.7 | 39 | 9 | ACD40314 | Acdd40314 | Breast tu |
| c 246 | 11 | 36.7 | 39 | 11 | ADM56449 | Adm56449 | Human cel |
| c 247 | 11 | 36.7 | 39 | 12 | ADF66812 | Adf66812 | Novel hum |
| c 248 | 11 | 36.7 | 39 | 12 | ADI19849 | Adi19849 | Human NOV |
| c 249 | 11 | 36.7 | 39 | 12 | ADO60322 | Ado60322 | Human NOV |
| c 250 | 11 | 36.7 | 40 | 6 | ABT12132 | Abt12132 | E coli ex |
| 251 | 11 | 36.7 | 40 | 6 | ABT12131 | Abt12131 | E coli ex |
| c 252 | 11 | 36.7 | 41 | 2 | AAV50564 | Aav50564 | Brassica |
| c 253 | 11 | 36.7 | 41 | 5 | ABZ72271 | Abz72271 | Gene 216 |
| c 254 | 11 | 36.7 | 41 | 5 | ABZ72272 | Abz72272 | Gene 216 |
| c 255 | 11 | 36.7 | 41 | 5 | AAI71550 | Aai71550 | Human rib |
| c 256 | 11 | 36.7 | 41 | 5 | AAI71551 | Aai71551 | Human rib |
| c 257 | 11 | 36.7 | 41 | 6 | ABL49789 | Abl49789 | Human Kaz |
| c 258 | 11 | 36.7 | 41 | 6 | ABA95349 | Aba95349 | Human nat |
| c 259 | 11 | 36.7 | 41 | 6 | ABA95348 | Aba95348 | Human nat |
| c 260 | 11 | 36.7 | 41 | 6 | ABL55650 | Abl55650 | Human CD6 |
| 261 | 11 | 36.7 | 41 | 6 | ABA05514 | Aba05514 | Human N-a |
| 262 | 11 | 36.7 | 41 | 6 | ABZ44933 | Abz44933 | Human ald |
| 263 | 11 | 36.7 | 41 | 6 | ABZ48553 | Abz48553 | Human mic |
| 264 | 11 | 36.7 | 41 | 6 | ABZ48766 | Abz48766 | Human ald |
| 265 | 11 | 36.7 | 41 | 6 | ABZ43276 | Abz43276 | Human mic |
| c 266 | 11 | 36.7 | 41 | 6 | ABL96021 | Abl96021 | Brassica |
| c 267 | 11 | 36.7 | 41 | 8 | ABX75240 | Abx75240 | Human gen |
| c 268 | 11 | 36.7 | 41 | 8 | ABX75124 | Abx75124 | Human gen |
| c 269 | 11 | 36.7 | 41 | 8 | ABX75125 | Abx75125 | Human gen |
| c 270 | 11 | 36.7 | 41 | 8 | ABX75239 | Abx75239 | Human gen |
| c 271 | 11 | 36.7 | 41 | 12 | ADH05387 | Adh05387 | Gene poly |
| c 272 | 11 | 36.7 | 41 | 12 | ADJ36853 | Adj36853 | Gene 216 |
| c 273 | 11 | 36.7 | 41 | 12 | ADJ36985 | Adj36985 | Gene 216 |
| c 274 | 11 | 36.7 | 41 | 12 | ADJ36852 | Adj36852 | Gene 216 |
| c 275 | 11 | 36.7 | 41 | 12 | ADJ36984 | Adj36984 | Gene 216 |
| c 276 | 11 | 36.7 | 41 | 12 | ADH91174 | Adh91174 | 1-beta-me |
| c 277 | 11 | 36.7 | 41 | 12 | ADL81431 | Adl81431 | Gene 216 |
| c 278 | 11 | 36.7 | 41 | 12 | ADL81563 | Adl81563 | Gene 216 |
| c 279 | 11 | 36.7 | 41 | 12 | ADL81430 | Adl81430 | Gene 216 |
| c 280 | 11 | 36.7 | 41 | 12 | ADL81562 | Adl81562 | Gene 216 |
| 281 | 11 | 36.7 | 42 | 2 | AAQ46639 | Aaq46639 | PCR prime |
| 282 | 11 | 36.7 | 42 | 2 | AAQ56161 | Aaq56161 | Sense pri |
| 283 | 11 | 36.7 | 42 | 5 | AAH25217 | Aah25217 | PCR prime |
| 284 | 11 | 36.7 | 42 | 8 | ABZ22317 | Abz22317 | Human TNA |
| c 285 | 11 | 36.7 | 43 | 2 | AAX04128 | Aax04128 | PEBP2-alp |
| c 286 | 11 | 36.7 | 43 | 8 | ABZ24667 | Abz24667 | Colony st |
| c 287 | 11 | 36.7 | 45 | 2 | AAQ06062 | Aaq06062 | Probe use |
| c 288 | 11 | 36.7 | 46 | 2 | AAX78331 | Aax78331 | Expressio |
| 289 | 11 | 36.7 | 46 | 2 | AAX78332 | Aax78332 | Expressio |
| 290 | 11 | 36.7 | 46 | 10 | ADC64093 | Adc64093 | Polyhydro |
| 291 | 11 | 36.7 | 46 | 12 | ADG01858 | Adg01858 | Copper ph |

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|-------|----|------|----|----|----------|----------|-----------|
| c 292 | 11 | 36.7 | 47 | 2 | AAT34833 | Aat34833 | Primer us |
| c 293 | 11 | 36.7 | 48 | 3 | AAC87763 | Aac87763 | SNORF36 r |
| 294 | 11 | 36.7 | 50 | 4 | AAH90374 | Aah90374 | Human clo |
| c 295 | 11 | 36.7 | 50 | 6 | ABZ06418 | Abz06418 | Human leu |
| c 296 | 11 | 36.7 | 50 | 6 | ABZ04250 | Abz04250 | Human leu |
| 297 | 11 | 36.7 | 50 | 6 | ABZ06808 | Abz06808 | Human leu |
| c 298 | 11 | 36.7 | 51 | 3 | AAA77148 | Aaa77148 | Human clo |
| c 299 | 11 | 36.7 | 51 | 3 | AAA77149 | Aaa77149 | Human clo |
| c 300 | 11 | 36.7 | 51 | 4 | AAL29332 | Aal29332 | Human SNP |
| c 301 | 11 | 36.7 | 51 | 4 | AAI79005 | Aai79005 | Human sil |
| c 302 | 11 | 36.7 | 51 | 4 | AAI79004 | Aai79004 | Human sil |
| 303 | 11 | 36.7 | 51 | 4 | AAH90376 | Aah90376 | Human clo |
| 304 | 11 | 36.7 | 51 | 4 | AAH90373 | Aah90373 | Human clo |
| 305 | 11 | 36.7 | 51 | 4 | AAH90375 | Aah90375 | Human clo |
| 306 | 11 | 36.7 | 51 | 4 | AAH40704 | Aah40704 | Human SNP |
| 307 | 11 | 36.7 | 56 | 12 | ADN00056 | Adn00056 | Human CRH |
| 308 | 11 | 36.7 | 57 | 6 | ACN25583 | Acn25583 | WNV Amber |
| c 309 | 11 | 36.7 | 57 | 8 | ACC58773 | Acc58773 | Foetal my |
| 310 | 11 | 36.7 | 58 | 6 | AAS17702 | Aas17702 | PCR prime |
| 311 | 11 | 36.7 | 58 | 6 | AAS17703 | Aas17703 | PCR prime |
| 312 | 11 | 36.7 | 60 | 2 | AAV13216 | Aav13216 | Primer AS |
| 313 | 11 | 36.7 | 60 | 2 | AAV17641 | Aav17641 | Mouse BCL |
| 314 | 11 | 36.7 | 60 | 6 | ABN38674 | Abn38674 | Human spl |
| 315 | 11 | 36.7 | 60 | 6 | ABN50044 | Abn50044 | Human spl |
| c 316 | 11 | 36.7 | 60 | 6 | ABN34858 | Abn34858 | Human spl |
| c 317 | 11 | 36.7 | 60 | 6 | ABN38628 | Abn38628 | Human spl |
| 318 | 11 | 36.7 | 60 | 6 | ABN41112 | Abn41112 | Human spl |
| 319 | 11 | 36.7 | 60 | 6 | ABN40184 | Abn40184 | Human spl |
| 320 | 11 | 36.7 | 60 | 6 | ABN48634 | Abn48634 | Human spl |
| 321 | 11 | 36.7 | 60 | 6 | ABN39192 | Abn39192 | Human spl |
| 322 | 11 | 36.7 | 60 | 6 | ABN45555 | Abn45555 | Human spl |
| c 323 | 11 | 36.7 | 60 | 6 | ABN45670 | Abn45670 | Human spl |
| 324 | 11 | 36.7 | 60 | 10 | ADD31560 | Add31560 | Ang-2 bin |
| 325 | 11 | 36.7 | 61 | 2 | AAV76341 | Aav76341 | Staphyloc |
| c 326 | 11 | 36.7 | 65 | 6 | ABN51201 | Abn51201 | Mouse spl |
| 327 | 11 | 36.7 | 65 | 6 | ABN56354 | Abn56354 | Mouse spl |
| 328 | 11 | 36.7 | 65 | 6 | ABN55910 | Abn55910 | Mouse spl |
| c 329 | 11 | 36.7 | 65 | 6 | ABN28224 | Abn28224 | Rat splic |
| c 330 | 11 | 36.7 | 65 | 6 | ABN30449 | Abn30449 | Rat splic |
| c 331 | 11 | 36.7 | 65 | 12 | ADP97562 | Adp97562 | C. albica |
| c 332 | 11 | 36.7 | 69 | 2 | AAT69606 | Aat69606 | Human Ob |
| c 333 | 11 | 36.7 | 69 | 4 | AAD20522 | Aad20522 | Hammer he |
| c 334 | 11 | 36.7 | 69 | 4 | AAF24026 | Aaf24026 | Human Obr |
| c 335 | 11 | 36.7 | 69 | 6 | AAD41477 | Aad41477 | Hammerhea |
| c 336 | 11 | 36.7 | 69 | 6 | AAD42334 | Aad42334 | Hammerhea |
| c 337 | 11 | 36.7 | 69 | 6 | AAD38264 | Aad38264 | Hammerhea |
| c 338 | 11 | 36.7 | 69 | 9 | AAL57492 | Aal57492 | Human lep |
| c 339 | 11 | 36.7 | 69 | 12 | ADG62995 | Adg62995 | Human Obr |
| 340 | 11 | 36.7 | 70 | 12 | ADG28566 | Adg28566 | SYN80 F11 |
| c 341 | 11 | 36.7 | 71 | 2 | AAT57812 | Aat57812 | L-selecti |
| c 342 | 11 | 36.7 | 71 | 9 | ADA22044 | Ada22044 | HGF aptam |
| c 343 | 11 | 36.7 | 74 | 4 | AAF83274 | Aaf83274 | S. cerevi |
| 344 | 11 | 36.7 | 75 | 9 | ACC84976 | Acc84976 | Human thr |
| 345 | 11 | 36.7 | 78 | 4 | ABA71213 | Aba71213 | Human foe |
| 346 | 11 | 36.7 | 78 | 4 | AAK45503 | Aak45503 | Human bon |
| 347 | 11 | 36.7 | 78 | 4 | AAK19512 | Aak19512 | Human bra |
| 348 | 11 | 36.7 | 78 | 4 | ABS45189 | Abs45189 | Human liv |

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|-------|----|------|-----|----|----------|--------------------|
| c 349 | 11 | 36.7 | 78 | 6 | ABS19613 | Abs19613 Human gen |
| 350 | 11 | 36.7 | 78 | 6 | ABS19771 | Abs19771 Human gen |
| 351 | 11 | 36.7 | 80 | 12 | ADM79859 | Adm79859 DNA ligan |
| c 352 | 11 | 36.7 | 80 | 12 | ADM95305 | Adm95305 Rat antis |
| 353 | 11 | 36.7 | 82 | 12 | ACH92828 | Ach92828 Human gen |
| c 354 | 11 | 36.7 | 90 | 6 | ABK36944 | Abk36944 Human DNA |
| c 355 | 11 | 36.7 | 93 | 12 | ADJ53325 | Adj53325 Primer co |
| 356 | 11 | 36.7 | 94 | 4 | AAI21592 | Aai21592 Probe #11 |
| 357 | 11 | 36.7 | 94 | 4 | ABA66665 | Aba66665 Human foe |
| 358 | 11 | 36.7 | 94 | 4 | AAI46879 | Aai46879 Probe #15 |
| 359 | 11 | 36.7 | 94 | 4 | ABA48756 | Aba48756 Human bre |
| 360 | 11 | 36.7 | 94 | 4 | ABA33728 | Aba33728 Probe #12 |
| 361 | 11 | 36.7 | 94 | 4 | AAK40823 | Aak40823 Human bon |
| 362 | 11 | 36.7 | 94 | 4 | AAK15095 | Aak15095 Human bra |
| 363 | 11 | 36.7 | 94 | 4 | ABS40402 | Abs40402 Human liv |
| 364 | 11 | 36.7 | 94 | 5 | AAI07287 | Aai07287 Probe #72 |
| 365 | 11 | 36.7 | 94 | 6 | ABS14774 | Abs14774 Human gen |
| c 366 | 11 | 36.7 | 96 | 12 | ACH85808 | Ach85808 Human gen |
| c 367 | 11 | 36.7 | 99 | 4 | ABA07251 | Aba07251 Human pan |
| c 368 | 11 | 36.7 | 99 | 4 | AAK89892 | Aak89892 Human dig |
| c 369 | 11 | 36.7 | 100 | 8 | ACD74638 | Acd74638 E. coli K |
| 370 | 11 | 36.7 | 100 | 8 | ACD77719 | Acd77719 E. coli K |
| 371 | 11 | 36.7 | 100 | 8 | ACD73815 | Acd73815 E. coli K |
| c 372 | 11 | 36.7 | 100 | 8 | ACD69020 | Acd69020 E. coli K |
| 373 | 10 | 33.3 | 10 | 3 | AAZ85851 | Aaz85851 Metastati |
| 374 | 10 | 33.3 | 11 | 6 | ABV62804 | Abv62804 Human ski |
| 375 | 10 | 33.3 | 11 | 6 | ABV70225 | Abv70225 Human ski |
| c 376 | 10 | 33.3 | 13 | 12 | ADL72844 | Adl72844 CDNA tag |
| c 377 | 10 | 33.3 | 15 | 2 | AAX31239 | Aax31239 Tag seque |
| c 378 | 10 | 33.3 | 15 | 2 | AAX31566 | Aax31566 Tag seque |
| 379 | 10 | 33.3 | 15 | 4 | AAF47578 | Aaf47578 IGFBP3 ol |
| c 380 | 10 | 33.3 | 15 | 4 | AAF52256 | Aaf52256 IGF-I oli |
| 381 | 10 | 33.3 | 15 | 4 | AAF47579 | Aaf47579 IGFBP3 ol |
| 382 | 10 | 33.3 | 15 | 4 | AAF47580 | Aaf47580 IGFBP3 ol |
| 383 | 10 | 33.3 | 15 | 4 | AAF47582 | Aaf47582 IGFBP3 ol |
| c 384 | 10 | 33.3 | 15 | 4 | AAF52255 | Aaf52255 IGF-I oli |
| c 385 | 10 | 33.3 | 15 | 4 | AAF52260 | Aaf52260 IGF-I oli |
| 386 | 10 | 33.3 | 15 | 4 | AAF47581 | Aaf47581 IGFBP3 ol |
| 387 | 10 | 33.3 | 15 | 4 | AAF47583 | Aaf47583 IGFBP3 ol |
| c 388 | 10 | 33.3 | 15 | 4 | AAF52258 | Aaf52258 IGF-I oli |
| c 389 | 10 | 33.3 | 15 | 4 | AAF52257 | Aaf52257 IGF-I oli |
| c 390 | 10 | 33.3 | 15 | 4 | AAF52259 | Aaf52259 IGF-I oli |
| c 391 | 10 | 33.3 | 15 | 6 | ABK32193 | Abk32193 Human col |
| c 392 | 10 | 33.3 | 15 | 6 | ABK32520 | Abk32520 Human pan |
| 393 | 10 | 33.3 | 15 | 6 | ABL94713 | Abl94713 Rat VR1 a |
| c 394 | 10 | 33.3 | 16 | 2 | AAQ29795 | Aaq29795 A allele |
| 395 | 10 | 33.3 | 16 | 6 | ABQ74157 | Abq74157 HCMV sequ |
| 396 | 10 | 33.3 | 16 | 6 | ABL94717 | Abl94717 Rat VR1 a |
| c 397 | 10 | 33.3 | 17 | 2 | AAT53508 | Aat53508 Rat ICAM |
| 398 | 10 | 33.3 | 17 | 2 | AAV20557 | Aav20557 Human BRC |
| 399 | 10 | 33.3 | 17 | 2 | AAV20558 | Aav20558 Human BRC |
| c 400 | 10 | 33.3 | 17 | 2 | AAA21315 | Aaa21315 Integrin |
| 401 | 10 | 33.3 | 17 | 6 | ABK57634 | Abk57634 Human CLC |
| 402 | 10 | 33.3 | 17 | 6 | ABK57134 | Abk57134 Human CLC |
| 403 | 10 | 33.3 | 17 | 6 | ABK56449 | Abk56449 Human CLC |
| 404 | 10 | 33.3 | 17 | 6 | ABK57349 | Abk57349 Human CLC |
| 405 | 10 | 33.3 | 17 | 6 | ABK56907 | Abk56907 Human CLC |

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|-------|----|------|----|----|----------|--------------------|
| 406 | 10 | 33.3 | 17 | 6 | ABK57620 | Abk57620 Human CLC |
| 407 | 10 | 33.3 | 17 | 6 | ABK57622 | Abk57622 Human CLC |
| 408 | 10 | 33.3 | 17 | 6 | ABL94720 | Abl94720 Rat VR1 a |
| 409 | 10 | 33.3 | 17 | 6 | ACN14488 | Acn14488 WNV minus |
| c 410 | 10 | 33.3 | 17 | 6 | ACN01072 | Acn01072 WNV Hamme |
| c 411 | 10 | 33.3 | 17 | 6 | ACN02904 | Acn02904 WNV Inozy |
| c 412 | 10 | 33.3 | 17 | 6 | ACN02905 | Acn02905 WNV Inozy |
| c 413 | 10 | 33.3 | 17 | 6 | ACN04378 | Acn04378 WNV Zinzy |
| 414 | 10 | 33.3 | 17 | 6 | ACN13753 | Acn13753 WNV minus |
| 415 | 10 | 33.3 | 17 | 6 | ACN14487 | Acn14487 WNV minus |
| c 416 | 10 | 33.3 | 17 | 6 | ACN02906 | Acn02906 WNV Inozy |
| 417 | 10 | 33.3 | 17 | 6 | ACN12610 | Acn12610 WNV minus |
| 418 | 10 | 33.3 | 17 | 6 | ACN10280 | Acn10280 WNV minus |
| 419 | 10 | 33.3 | 17 | 8 | ABT38993 | Abt38993 Tumour su |
| c 420 | 10 | 33.3 | 17 | 8 | ACC68257 | Acc68257 Murine ol |
| c 421 | 10 | 33.3 | 17 | 10 | ADB43892 | Adb43892 Tumour su |
| c 422 | 10 | 33.3 | 17 | 10 | ADB40642 | Adb40642 Tumour su |
| 423 | 10 | 33.3 | 17 | 10 | ADI49966 | Adi49966 Human tum |
| c 424 | 10 | 33.3 | 17 | 11 | ADL48896 | Adl48896 Human PKR |
| 425 | 10 | 33.3 | 18 | 2 | AAV11173 | Aav11173 Human Ki- |
| 426 | 10 | 33.3 | 18 | 3 | AAA52839 | Aaa52839 Human CD4 |
| 427 | 10 | 33.3 | 18 | 6 | ABA83574 | Aba83574 Mouse MP- |
| 428 | 10 | 33.3 | 18 | 6 | ABL94722 | Abl94722 Rat VR1 a |
| 429 | 10 | 33.3 | 18 | 8 | ABZ75440 | Abz75440 Human EPS |
| c 430 | 10 | 33.3 | 19 | 2 | AAQ61739 | Aaq61739 HEV strai |
| c 431 | 10 | 33.3 | 19 | 2 | AAT27450 | Aat27450 HEV strai |
| c 432 | 10 | 33.3 | 19 | 2 | AAV71660 | Aav71660 HEV ORF p |
| c 433 | 10 | 33.3 | 19 | 3 | AAZ91167 | Aaz91167 Canine T- |
| c 434 | 10 | 33.3 | 19 | 3 | AAZ92344 | Aaz92344 Canine TC |
| 435 | 10 | 33.3 | 19 | 3 | AAC72573 | Aac72573 Single nu |
| 436 | 10 | 33.3 | 19 | 3 | AAC72549 | Aac72549 Single nu |
| 437 | 10 | 33.3 | 19 | 3 | AAC72546 | Aac72546 Single nu |
| 438 | 10 | 33.3 | 19 | 3 | AAC72543 | Aac72543 Single nu |
| 439 | 10 | 33.3 | 19 | 3 | AAC72570 | Aac72570 Single nu |
| 440 | 10 | 33.3 | 19 | 3 | AAC72552 | Aac72552 Single nu |
| 441 | 10 | 33.3 | 19 | 6 | ABK40365 | Abk40365 Reverse P |
| 442 | 10 | 33.3 | 19 | 6 | ABS64429 | Abs64429 Human NOV |
| 443 | 10 | 33.3 | 19 | 8 | ABT21349 | Abt21349 Multiplex |
| 444 | 10 | 33.3 | 19 | 8 | ABQ77154 | Abq77154 Human ABC |
| 445 | 10 | 33.3 | 19 | 10 | ADC39346 | Adc39346 Novel hum |
| c 446 | 10 | 33.3 | 19 | 10 | ADG78910 | Adg78910 Human tes |
| 447 | 10 | 33.3 | 19 | 10 | ADJ37428 | Adj37428 Tumour th |
| c 448 | 10 | 33.3 | 19 | 10 | ADH94518 | Adh94518 Human gen |
| 449 | 10 | 33.3 | 19 | 11 | ADN34863 | Adn34863 siNA lowe |
| c 450 | 10 | 33.3 | 19 | 11 | ADN34605 | Adn34605 siNA uppe |
| 451 | 10 | 33.3 | 19 | 12 | ADG68352 | Adg68352 Human PRO |
| c 452 | 10 | 33.3 | 19 | 12 | ADN89208 | Adn89208 Human CD4 |
| c 453 | 10 | 33.3 | 19 | 12 | ADO80385 | Ado80385 Mouse pho |
| c 454 | 10 | 33.3 | 19 | 12 | ADO57983 | Ado57983 Human EDG |
| c 455 | 10 | 33.3 | 20 | 2 | AAQ24711 | Aaq24711 C-beta-a |
| 456 | 10 | 33.3 | 20 | 2 | AAQ25379 | Aaq25379 Sequence |
| c 457 | 10 | 33.3 | 20 | 2 | AAQ41235 | Aaq41235 3' PCR pr |
| c 458 | 10 | 33.3 | 20 | 2 | AAQ95935 | Aaq95935 Primer A |
| c 459 | 10 | 33.3 | 20 | 2 | AAT65958 | Aat65958 Primer #1 |
| c 460 | 10 | 33.3 | 20 | 2 | AAT13874 | Aat13874 Human K-A |
| 461 | 10 | 33.3 | 20 | 2 | AAX56125 | Aax56125 HIV-1 PCR |
| c 462 | 10 | 33.3 | 20 | 2 | AAX92145 | Aax92145 PCR prime |

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|-------|----|------|----|----|----------|----------|------------|
| c 463 | 10 | 33.3 | 20 | 2 | AAX94752 | Aax94752 | PCR prime |
| 464 | 10 | 33.3 | 20 | 2 | AAX96478 | Aax96478 | PCR prime |
| c 465 | 10 | 33.3 | 20 | 3 | AAA41054 | Aaa41054 | Human TNF |
| c 466 | 10 | 33.3 | 20 | 3 | AAA41197 | Aaa41197 | Human TNF |
| 467 | 10 | 33.3 | 20 | 3 | AAC70315 | Aac70315 | Single nu |
| 468 | 10 | 33.3 | 20 | 4 | AAD14816 | Aad14816 | Human gly |
| c 469 | 10 | 33.3 | 20 | 4 | AAS45720 | Aas45720 | Human PAR |
| 470 | 10 | 33.3 | 20 | 4 | AAH38877 | Aah38877 | SNP speci |
| 471 | 10 | 33.3 | 20 | 5 | AAF81211 | Aaf81211 | Human FMO |
| c 472 | 10 | 33.3 | 20 | 5 | ABZ72150 | Abz72150 | Gene 216 |
| c 473 | 10 | 33.3 | 20 | 6 | ABS73905 | Abs73905 | Human cyt |
| 474 | 10 | 33.3 | 20 | 6 | AAD31047 | Aad31047 | Medaka fi |
| c 475 | 10 | 33.3 | 20 | 6 | ABS52079 | Abs52079 | Mouse CCR |
| c 476 | 10 | 33.3 | 20 | 6 | ABA99823 | Aba99823 | Murine ca |
| 477 | 10 | 33.3 | 20 | 6 | AAS16635 | Aas16635 | Human Inh |
| 478 | 10 | 33.3 | 20 | 6 | ABK69483 | Abk69483 | Human pho |
| c 479 | 10 | 33.3 | 20 | 6 | ABQ66441 | Abq66441 | Human cyt |
| 480 | 10 | 33.3 | 20 | 6 | ABK09824 | Abk09824 | Cytochrom |
| c 481 | 10 | 33.3 | 20 | 6 | ADH49285 | Adh49285 | NOV7 PCR |
| 482 | 10 | 33.3 | 20 | 8 | ADA05957 | Ada05957 | Human NOV |
| c 483 | 10 | 33.3 | 20 | 8 | ACC44044 | Acc44044 | Oligo ISI |
| c 484 | 10 | 33.3 | 20 | 8 | ABX75003 | Abx75003 | Human gen |
| c 485 | 10 | 33.3 | 20 | 8 | ABT43156 | Abt43156 | Neuroblas |
| c 486 | 10 | 33.3 | 20 | 8 | AAD53837 | Aad53837 | BMPR1A ex |
| 487 | 10 | 33.3 | 20 | 8 | AAD48535 | Aad48535 | Chicken l |
| c 488 | 10 | 33.3 | 20 | 8 | ABT32311 | Abt32311 | Neuroblas |
| c 489 | 10 | 33.3 | 20 | 9 | AAL61835 | Aal61835 | Human ETB |
| c 490 | 10 | 33.3 | 20 | 9 | AAL61836 | Aal61836 | Human ETB |
| 491 | 10 | 33.3 | 20 | 9 | ACC58436 | Acc58436 | Mycoplasma |
| c 492 | 10 | 33.3 | 20 | 9 | ACC58434 | Acc58434 | Mycoplasma |
| c 493 | 10 | 33.3 | 20 | 9 | ACC58435 | Acc58435 | Mycoplasma |
| 494 | 10 | 33.3 | 20 | 9 | ACC58437 | Acc58437 | Mycoplasma |
| c 495 | 10 | 33.3 | 20 | 9 | ACD05425 | Acd05425 | Tumour ne |
| c 496 | 10 | 33.3 | 20 | 9 | ACD05282 | Acd05282 | Tumour ne |
| c 497 | 10 | 33.3 | 20 | 10 | ADB89943 | Adb89943 | Antinsens |
| 498 | 10 | 33.3 | 20 | 10 | ADC65825 | Adc65825 | Mouse TGF |
| 499 | 10 | 33.3 | 20 | 10 | ADC79209 | Adc79209 | Animal id |
| c 500 | 10 | 33.3 | 20 | 10 | AAD62232 | Aad62232 | Human hae |
| 501 | 10 | 33.3 | 20 | 10 | ADD56551 | Add56551 | Human gen |
| c 502 | 10 | 33.3 | 20 | 10 | ADG31532 | Adg31532 | PCR prime |
| c 503 | 10 | 33.3 | 20 | 10 | ADF88162 | Adf88162 | Single nu |
| c 504 | 10 | 33.3 | 20 | 10 | ADF91081 | Adf91081 | Microorga |
| 505 | 10 | 33.3 | 20 | 10 | ADH08406 | Adh08406 | S. cerevi |
| 506 | 10 | 33.3 | 20 | 10 | ADH08417 | Adh08417 | K. lactis |
| c 507 | 10 | 33.3 | 20 | 10 | ABZ86689 | Abz86689 | Human oli |
| 508 | 10 | 33.3 | 20 | 10 | ABZ90905 | Abz90905 | Human oli |
| c 509 | 10 | 33.3 | 20 | 10 | ABZ98566 | Abz98566 | Human ICA |
| c 510 | 10 | 33.3 | 20 | 10 | ABZ98567 | Abz98567 | Human ICA |
| 511 | 10 | 33.3 | 20 | 10 | ABZ91787 | Abz91787 | Human oli |
| 512 | 10 | 33.3 | 20 | 10 | ABZ84961 | Abz84961 | Human oli |
| 513 | 10 | 33.3 | 20 | 10 | ABZ91786 | Abz91786 | Human oli |
| c 514 | 10 | 33.3 | 20 | 10 | ABZ98975 | Abz98975 | Human PDE |
| 515 | 10 | 33.3 | 20 | 10 | ABZ90904 | Abz90904 | Human oli |
| c 516 | 10 | 33.3 | 20 | 10 | ABZ86690 | Abz86690 | Human oli |
| c 517 | 10 | 33.3 | 20 | 10 | AAL55910 | Aal55910 | TGF-beta |
| c 518 | 10 | 33.3 | 20 | 11 | ABD31597 | Abd31597 | Human ICA |
| 519 | 10 | 33.3 | 20 | 11 | ABD27134 | Abd27134 | AA486518- |

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|-------|----|------|----|----|----------|----------|-----------|
| 520 | 10 | 33.3 | 20 | 11 | ABD21191 | Abd21191 | Human tra |
| c 521 | 10 | 33.3 | 20 | 11 | ABD31598 | Abd31598 | Human ICA |
| c 522 | 10 | 33.3 | 20 | 11 | ABD22919 | Abd22919 | Human myo |
| 523 | 10 | 33.3 | 20 | 11 | ABD28016 | Abd28016 | AA282906- |
| 524 | 10 | 33.3 | 20 | 11 | ABD27135 | Abd27135 | AA486518- |
| 525 | 10 | 33.3 | 20 | 11 | ABD28017 | Abd28017 | AA282906- |
| c 526 | 10 | 33.3 | 20 | 11 | ABD32006 | Abd32006 | Human PDE |
| c 527 | 10 | 33.3 | 20 | 11 | ABD22920 | Abd22920 | Human myo |
| 528 | 10 | 33.3 | 20 | 12 | ADH10846 | Adh10846 | Human cat |
| c 529 | 10 | 33.3 | 20 | 12 | ADH10772 | Adh10772 | Human cat |
| 530 | 10 | 33.3 | 20 | 12 | ADG25850 | Adg25850 | Human OAT |
| c 531 | 10 | 33.3 | 20 | 12 | ADH70950 | Adh70950 | Human Vbe |
| 532 | 10 | 33.3 | 20 | 12 | ADI25032 | Adi25032 | Human ZNF |
| c 533 | 10 | 33.3 | 20 | 12 | ADI28231 | Adi28231 | Antisense |
| 534 | 10 | 33.3 | 20 | 12 | ADH99190 | Adh99190 | Human NF- |
| c 535 | 10 | 33.3 | 20 | 12 | ADH99128 | Adh99128 | Human NF- |
| c 536 | 10 | 33.3 | 20 | 12 | ADJ36731 | Adj36731 | Human gen |
| 537 | 10 | 33.3 | 20 | 12 | ADJ46799 | Adj46799 | Human KIA |
| c 538 | 10 | 33.3 | 20 | 12 | ADJ46852 | Adj46852 | Human KIA |
| c 539 | 10 | 33.3 | 20 | 12 | ADJ86941 | Adj86941 | Nucleic a |
| 540 | 10 | 33.3 | 20 | 12 | ADK94787 | Adk94787 | Primer of |
| c 541 | 10 | 33.3 | 20 | 12 | ADK96770 | Adk96770 | Primer of |
| 542 | 10 | 33.3 | 20 | 12 | ADK94883 | Adk94883 | Primer of |
| c 543 | 10 | 33.3 | 20 | 12 | ADJ60416 | Adj60416 | Oligonucl |
| c 544 | 10 | 33.3 | 20 | 12 | ADJ60417 | Adj60417 | Oligonucl |
| c 545 | 10 | 33.3 | 20 | 12 | ADJ60858 | Adj60858 | Oligonucl |
| 546 | 10 | 33.3 | 20 | 12 | ADJ45401 | Adj45401 | Antisense |
| c 547 | 10 | 33.3 | 20 | 12 | ADK12242 | Adk12242 | Complemen |
| c 548 | 10 | 33.3 | 20 | 12 | ADJ22582 | Adj22582 | Human end |
| c 549 | 10 | 33.3 | 20 | 12 | ADJ23797 | Adj23797 | Human end |
| c 550 | 10 | 33.3 | 20 | 12 | ADJ24748 | Adj24748 | Human end |
| c 551 | 10 | 33.3 | 20 | 12 | ADJ24578 | Adj24578 | Human end |
| c 552 | 10 | 33.3 | 20 | 12 | ADJ23610 | Adj23610 | Human end |
| c 553 | 10 | 33.3 | 20 | 12 | ADJ22425 | Adj22425 | Human end |
| c 554 | 10 | 33.3 | 20 | 12 | ADJ24013 | Adj24013 | Human end |
| c 555 | 10 | 33.3 | 20 | 12 | ADJ24658 | Adj24658 | Human end |
| c 556 | 10 | 33.3 | 20 | 12 | ADJ23389 | Adj23389 | Human end |
| c 557 | 10 | 33.3 | 20 | 12 | ADJ23773 | Adj23773 | Human end |
| c 558 | 10 | 33.3 | 20 | 12 | ADJ23541 | Adj23541 | Human end |
| c 559 | 10 | 33.3 | 20 | 12 | ADL81310 | Adl81310 | Gene 216 |
| 560 | 10 | 33.3 | 20 | 12 | ADN63111 | Adn63111 | Human NOV |
| c 561 | 10 | 33.3 | 20 | 12 | ADO09602 | Ado09602 | SSCP reve |
| 562 | 10 | 33.3 | 20 | 12 | ADO24885 | Ado24885 | Antisense |
| 563 | 10 | 33.3 | 20 | 12 | ADO24875 | Ado24875 | Human cyt |
| c 564 | 10 | 33.3 | 20 | 12 | ADO22628 | Ado22628 | Human chr |
| c 565 | 10 | 33.3 | 20 | 12 | ADO46347 | Ado46347 | Human oli |
| c 566 | 10 | 33.3 | 20 | 12 | ADO45905 | Ado45905 | Human oli |
| c 567 | 10 | 33.3 | 20 | 12 | ADO45906 | Ado45906 | Human oli |
| c 568 | 10 | 33.3 | 20 | 12 | ADN89173 | Adn89173 | Human CD4 |
| c 569 | 10 | 33.3 | 20 | 12 | ADO32018 | Ado32018 | Cyclin-de |
| 570 | 10 | 33.3 | 20 | 12 | ADO31965 | Ado31965 | Cyclin-de |
| 571 | 10 | 33.3 | 20 | 12 | ADP10978 | Adp10978 | Set 1 lef |
| c 572 | 10 | 33.3 | 20 | 12 | ADP44148 | Adp44148 | Human TEK |
| 573 | 10 | 33.3 | 20 | 12 | ADP44226 | Adp44226 | Human TEK |
| c 574 | 10 | 33.3 | 20 | 12 | ADQ26563 | Adq26563 | HOXA2 RT- |
| c 575 | 10 | 33.3 | 20 | 12 | ADQ76407 | Adq76407 | Nucleotid |
| 576 | 10 | 33.3 | 21 | 2 | AAQ37153 | Aaq37153 | Probe to |

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|-------|----|------|----|----|----------|--------------------|
| c 577 | 10 | 33.3 | 21 | 2 | AAQ69978 | Aaq69978 Sense pri |
| 578 | 10 | 33.3 | 21 | 2 | AAT39017 | Aat39017 Tumour ne |
| 579 | 10 | 33.3 | 21 | 2 | AAT69199 | Aat69199 Lipoprote |
| 580 | 10 | 33.3 | 21 | 2 | AAV29456 | Aav29456 Calcium i |
| c 581 | 10 | 33.3 | 21 | 2 | AAV43221 | Aav43221 Multiple |
| 582 | 10 | 33.3 | 21 | 2 | AAV15154 | Aav15154 PCR prime |
| c 583 | 10 | 33.3 | 21 | 2 | AAX29712 | Aax29712 Primer fo |
| c 584 | 10 | 33.3 | 21 | 2 | AAX29713 | Aax29713 Primer fo |
| 585 | 10 | 33.3 | 21 | 2 | AAX28363 | Aax28363 PCR prime |
| c 586 | 10 | 33.3 | 21 | 2 | AAX36532 | Aax36532 PCR prime |
| 587 | 10 | 33.3 | 21 | 2 | AAV08004 | Aav08004 Probe TNF |
| c 588 | 10 | 33.3 | 21 | 2 | AAX18497 | Aax18497 PCR prime |
| 589 | 10 | 33.3 | 21 | 2 | AAX36186 | Aax36186 Fragment |
| 590 | 10 | 33.3 | 21 | 3 | AAX49626 | Aax49626 PCR prime |
| c 591 | 10 | 33.3 | 21 | 3 | AAC61632 | Aac61632 Mismatch |
| 592 | 10 | 33.3 | 21 | 3 | AAA37976 | Aaa37976 PCR prime |
| c 593 | 10 | 33.3 | 21 | 3 | AAX55795 | Aax55795 Rat fibro |
| c 594 | 10 | 33.3 | 21 | 3 | AAA66491 | Aaa66491 Dog genom |
| 595 | 10 | 33.3 | 21 | 3 | AAC66177 | Aac66177 PCR prime |
| 596 | 10 | 33.3 | 21 | 4 | AAF97299 | Aaf97299 Human gen |
| 597 | 10 | 33.3 | 21 | 4 | AAF97478 | Aaf97478 Human gen |
| c 598 | 10 | 33.3 | 21 | 4 | AAH39173 | Aah39173 SNP speci |
| 599 | 10 | 33.3 | 21 | 5 | ABA10112 | Aba10112 Tail prim |
| 600 | 10 | 33.3 | 21 | 6 | AAD28595 | Aad28595 CysLT1L-T |
| c 601 | 10 | 33.3 | 21 | 6 | AAL42778 | Aal42778 Agrobacte |
| c 602 | 10 | 33.3 | 21 | 6 | ABK46951 | Abk46951 COX-2 ant |
| c 603 | 10 | 33.3 | 21 | 6 | ABS60744 | Abs60744 Human pol |
| 604 | 10 | 33.3 | 21 | 6 | AAL50116 | Aal50116 Human CAB |
| 605 | 10 | 33.3 | 21 | 6 | ABK50848 | Abk50848 Tartaric |
| 606 | 10 | 33.3 | 21 | 6 | AAD39344 | Aad39344 Human Von |
| 607 | 10 | 33.3 | 21 | 6 | ABQ93992 | Abq93992 NOV2 reve |
| c 608 | 10 | 33.3 | 21 | 8 | ADA06002 | Ada06002 Human NOV |
| c 609 | 10 | 33.3 | 21 | 9 | ADB84406 | Adb84406 MSRV-1 as |
| 610 | 10 | 33.3 | 21 | 10 | ADF08225 | Adf08225 Mouse gen |
| 611 | 10 | 33.3 | 21 | 10 | ADF88160 | Adf88160 Single nu |
| 612 | 10 | 33.3 | 21 | 10 | ADG76224 | Adg76224 Reverse P |
| c 613 | 10 | 33.3 | 21 | 10 | ADH94369 | Adh94369 Human gen |
| c 614 | 10 | 33.3 | 21 | 12 | ADG14852 | Adg14852 MSRV asso |
| c 615 | 10 | 33.3 | 21 | 12 | ADG74821 | Adg74821 Human glu |
| 616 | 10 | 33.3 | 21 | 12 | ADK98248 | Adk98248 Primer of |
| 617 | 10 | 33.3 | 21 | 12 | ADK97628 | Adk97628 Primer of |
| c 618 | 10 | 33.3 | 21 | 12 | ADN63153 | Adn63153 Human NOV |
| c 619 | 10 | 33.3 | 21 | 12 | ADP12382 | Adp12382 Taqman pr |
| c 620 | 10 | 33.3 | 22 | 2 | AAQ34229 | Aaq34229 Upstream |
| 621 | 10 | 33.3 | 22 | 2 | AAQ53268 | Aaq53268 BYMV prim |
| c 622 | 10 | 33.3 | 22 | 2 | AAQ82250 | Aaq82250 Chromosom |
| c 623 | 10 | 33.3 | 22 | 2 | AAT32890 | Aat32890 Bovine le |
| c 624 | 10 | 33.3 | 22 | 2 | AAX29252 | Aax29252 LGL leuka |
| 625 | 10 | 33.3 | 22 | 3 | AAA52781 | Aaa52781 Murine cl |
| 626 | 10 | 33.3 | 22 | 4 | AAF79713 | Aaf79713 Abp1 gene |
| c 627 | 10 | 33.3 | 22 | 4 | AAH37922 | Aah37922 SNP speci |
| 628 | 10 | 33.3 | 22 | 4 | AAF86421 | Aaf86421 PCR prime |
| 629 | 10 | 33.3 | 22 | 5 | AAF79841 | Aaf79841 Mycelia s |
| 630 | 10 | 33.3 | 22 | 5 | AAD10267 | Aad10267 MDB391 pr |
| 631 | 10 | 33.3 | 22 | 6 | ABL92892 | Abl92892 G protein |
| c 632 | 10 | 33.3 | 22 | 6 | ABK24030 | Abk24030 B7-relate |
| 633 | 10 | 33.3 | 22 | 8 | AAL50192 | Aal50192 Abp1 gene |

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|-------|----|------|----|----|----------|--------------------|
| c 634 | 10 | 33.3 | 22 | 8 | ABX72374 | Abx72374 Human NOV |
| c 635 | 10 | 33.3 | 22 | 9 | ADA00316 | Ada00316 Human alp |
| 636 | 10 | 33.3 | 22 | 10 | ADD53817 | Add53817 Human SC6 |
| c 637 | 10 | 33.3 | 22 | 10 | ADF79290 | Adf79290 PSA PCR p |
| 638 | 10 | 33.3 | 22 | 10 | ABZ23689 | Abz23689 TGF-beta1 |
| c 639 | 10 | 33.3 | 22 | 10 | ACF17102 | Acf17102 Human NOV |
| c 640 | 10 | 33.3 | 22 | 10 | ACF17099 | Acf17099 Human NOV |
| 641 | 10 | 33.3 | 22 | 12 | ADG09482 | Adg09482 TNF-alpha |
| 642 | 10 | 33.3 | 22 | 12 | ADH75261 | Adh75261 IFN-assoc |
| c 643 | 10 | 33.3 | 22 | 12 | ADI00882 | Adi00882 PCR prime |
| c 644 | 10 | 33.3 | 23 | 2 | AAT28837 | Aat28837 Allele sp |
| 645 | 10 | 33.3 | 23 | 4 | AAF85363 | Aaf85363 Probe use |
| 646 | 10 | 33.3 | 23 | 4 | AAF61237 | Aaf61237 Borna dis |
| c 647 | 10 | 33.3 | 23 | 6 | ABS57996 | Abs57996 PCR prime |
| 648 | 10 | 33.3 | 23 | 6 | AAS97486 | Aas97486 Murine SA |
| 649 | 10 | 33.3 | 23 | 6 | ABA04845 | Aba04845 Human PCR |
| 650 | 10 | 33.3 | 23 | 6 | ABZ30217 | Abz30217 Candida a |
| c 651 | 10 | 33.3 | 23 | 6 | ABA91429 | Aba91429 Haemophil |
| 652 | 10 | 33.3 | 23 | 10 | ADE90086 | Ade90086 Human rho |
| 653 | 10 | 33.3 | 23 | 10 | ADG87458 | Adg87458 Human Bon |
| 654 | 10 | 33.3 | 23 | 12 | ADG09530 | Adg09530 TNF-alpha |
| 655 | 10 | 33.3 | 23 | 12 | ADH75287 | Adh75287 IFN-assoc |
| 656 | 10 | 33.3 | 23 | 12 | ADK98107 | Adk98107 Primer of |
| c 657 | 10 | 33.3 | 23 | 12 | ADN61388 | Adn61388 PCR prime |
| 658 | 10 | 33.3 | 23 | 12 | ADM15826 | Adm15826 Murine SA |
| 659 | 10 | 33.3 | 24 | 2 | AAT28872 | Aat28872 Primer #1 |
| c 660 | 10 | 33.3 | 24 | 2 | AAT28835 | Aat28835 Allele sp |
| 661 | 10 | 33.3 | 24 | 2 | AAZ23548 | Aaz23548 NET-1A lo |
| c 662 | 10 | 33.3 | 24 | 3 | AAZ29407 | Aaz29407 PCR prime |
| c 663 | 10 | 33.3 | 24 | 3 | AAA09215 | Aaa09215 S135L mut |
| c 664 | 10 | 33.3 | 24 | 3 | AAA09216 | Aaa09216 Wild-type |
| 665 | 10 | 33.3 | 24 | 4 | AAH42016 | Aah42016 Disease t |
| 666 | 10 | 33.3 | 24 | 5 | AAS07991 | Aas07991 Human G-p |
| 667 | 10 | 33.3 | 24 | 5 | AAS08295 | Aas08295 Human G-p |
| 668 | 10 | 33.3 | 24 | 5 | AAH77436 | Aah77436 Human sig |
| c 669 | 10 | 33.3 | 24 | 6 | ABL60432 | Abl60432 DNA fragm |
| c 670 | 10 | 33.3 | 24 | 6 | ABQ02304 | Abq02304 Oligonucl |
| c 671 | 10 | 33.3 | 24 | 6 | ABQ08517 | Abq08517 Oligonucl |
| 672 | 10 | 33.3 | 24 | 6 | ABQ08558 | Abq08558 Oligonucl |
| 673 | 10 | 33.3 | 24 | 6 | ABZ21071 | Abz21071 Zinc fing |
| c 674 | 10 | 33.3 | 24 | 6 | ABI82598 | Abi82598 Capture o |
| 675 | 10 | 33.3 | 24 | 6 | ABI91865 | Abi91865 Capture o |
| c 676 | 10 | 33.3 | 24 | 6 | ABI91864 | Abi91864 Capture o |
| 677 | 10 | 33.3 | 24 | 6 | ABI82599 | Abi82599 Capture o |
| c 678 | 10 | 33.3 | 24 | 6 | ABQ99750 | Abq99750 ecSOD pri |
| 679 | 10 | 33.3 | 24 | 6 | ABL54531 | Abl54531 Pectinatu |
| 680 | 10 | 33.3 | 24 | 8 | ABX94658 | Abx94658 Human CTG |
| c 681 | 10 | 33.3 | 24 | 8 | ABT33423 | Abt33423 NOVX PCR |
| c 682 | 10 | 33.3 | 24 | 8 | AAL55489 | Aal55489 NOVX PCR |
| 683 | 10 | 33.3 | 24 | 9 | ADA74010 | Ada74010 Biotinyla |
| 684 | 10 | 33.3 | 24 | 10 | ADG31529 | Adg31529 PCR prime |
| c 685 | 10 | 33.3 | 24 | 10 | ADG47629 | Adg47629 Mouse str |
| 686 | 10 | 33.3 | 24 | 11 | ADL96523 | Adl96523 Human G p |
| 687 | 10 | 33.3 | 24 | 11 | ADL96571 | Adl96571 Human G p |
| c 688 | 10 | 33.3 | 24 | 12 | ADI04003 | Adi04003 Bovine GH |
| c 689 | 10 | 33.3 | 24 | 12 | ADL13463 | Adl13463 Human thy |
| c 690 | 10 | 33.3 | 24 | 12 | ADL13462 | Adl13462 Human thy |

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|-------|----|------|----|----|----------|----------|-----------|------|
| 691 | 10 | 33.3 | 24 | 12 | ADL70669 | Adl70669 | Human | CC |
| c 692 | 10 | 33.3 | 25 | 2 | AAT00186 | Aat00186 | Hepatitis | |
| c 693 | 10 | 33.3 | 25 | 2 | AAT08801 | Aat08801 | Human | alp |
| c 694 | 10 | 33.3 | 25 | 2 | AAT45825 | Aat45825 | Hepatitis | |
| c 695 | 10 | 33.3 | 25 | 3 | AAZ65223 | Aaz65223 | Primer | am |
| c 696 | 10 | 33.3 | 25 | 3 | AAA55454 | Aaa55454 | Hepatitis | |
| c 697 | 10 | 33.3 | 25 | 3 | AAA57769 | Aaa57769 | Antisense | |
| 698 | 10 | 33.3 | 25 | 4 | AAF44581 | Aaf44581 | Mouse | DSS |
| c 699 | 10 | 33.3 | 25 | 4 | AAC97493 | Aac97493 | Human | PRO |
| 700 | 10 | 33.3 | 25 | 5 | AAI61872 | Aai61872 | Soybean | 2 |
| c 701 | 10 | 33.3 | 25 | 5 | AAF44380 | Aaf44380 | Human | PRO |
| c 702 | 10 | 33.3 | 25 | 5 | AAF32391 | Aaf32391 | NAAT | rela |
| 703 | 10 | 33.3 | 25 | 5 | AAF32392 | Aaf32392 | NAAT | rela |
| c 704 | 10 | 33.3 | 25 | 5 | AAC63216 | Aac63216 | Capture | p |
| c 705 | 10 | 33.3 | 25 | 6 | ABQ61746 | Abq61746 | Human | aqu |
| 706 | 10 | 33.3 | 25 | 6 | ABQ61805 | Abq61805 | Human | aqu |
| 707 | 10 | 33.3 | 25 | 6 | ABQ61817 | Abq61817 | Human | aqu |
| 708 | 10 | 33.3 | 25 | 6 | ABQ61809 | Abq61809 | Human | aqu |
| c 709 | 10 | 33.3 | 25 | 6 | ABQ61752 | Abq61752 | Human | aqu |
| c 710 | 10 | 33.3 | 25 | 6 | ABQ61760 | Abq61760 | Human | aqu |
| 711 | 10 | 33.3 | 25 | 6 | ABQ61799 | Abq61799 | Human | aqu |
| c 712 | 10 | 33.3 | 25 | 6 | ABQ61770 | Abq61770 | Human | aqu |
| 713 | 10 | 33.3 | 25 | 6 | ABQ61803 | Abq61803 | Human | aqu |
| c 714 | 10 | 33.3 | 25 | 6 | ABQ61756 | Abq61756 | Human | aqu |
| 715 | 10 | 33.3 | 25 | 6 | ABQ61797 | Abq61797 | Human | aqu |
| 716 | 10 | 33.3 | 25 | 6 | ABQ61819 | Abq61819 | Human | aqu |
| c 717 | 10 | 33.3 | 25 | 6 | ABQ61766 | Abq61766 | Human | aqu |
| c 718 | 10 | 33.3 | 25 | 6 | ABQ61754 | Abq61754 | Human | aqu |
| c 719 | 10 | 33.3 | 25 | 6 | ABQ61748 | Abq61748 | Human | aqu |
| 720 | 10 | 33.3 | 25 | 6 | ABQ61811 | Abq61811 | Human | aqu |
| c 721 | 10 | 33.3 | 25 | 6 | ABQ61744 | Abq61744 | Human | aqu |
| c 722 | 10 | 33.3 | 25 | 6 | ABQ61750 | Abq61750 | Human | aqu |
| 723 | 10 | 33.3 | 25 | 6 | ABQ61815 | Abq61815 | Human | aqu |
| c 724 | 10 | 33.3 | 25 | 6 | ABQ61758 | Abq61758 | Human | aqu |
| 725 | 10 | 33.3 | 25 | 6 | ABQ61801 | Abq61801 | Human | aqu |
| 726 | 10 | 33.3 | 25 | 6 | ABQ61807 | Abq61807 | Human | aqu |
| 727 | 10 | 33.3 | 25 | 6 | ABQ61825 | Abq61825 | Human | aqu |
| c 728 | 10 | 33.3 | 25 | 6 | ABQ61768 | Abq61768 | Human | aqu |
| c 729 | 10 | 33.3 | 25 | 6 | ABQ61772 | Abq61772 | Human | aqu |
| 730 | 10 | 33.3 | 25 | 6 | ABQ61813 | Abq61813 | Human | aqu |
| 731 | 10 | 33.3 | 25 | 6 | ABQ61821 | Abq61821 | Human | aqu |
| c 732 | 10 | 33.3 | 25 | 6 | ABQ61764 | Abq61764 | Human | aqu |
| c 733 | 10 | 33.3 | 25 | 6 | ABQ61774 | Abq61774 | Human | aqu |
| c 734 | 10 | 33.3 | 25 | 6 | ABQ61762 | Abq61762 | Human | aqu |
| 735 | 10 | 33.3 | 25 | 6 | ABS59666 | Abs59666 | Oligonucl | |
| c 736 | 10 | 33.3 | 25 | 8 | ACA64422 | Aca64422 | Novel | hum |
| c 737 | 10 | 33.3 | 25 | 8 | ABX80881 | Abx80881 | Human | sec |
| c 738 | 10 | 33.3 | 25 | 8 | ACD44390 | Acd44390 | Human | PRO |
| c 739 | 10 | 33.3 | 25 | 8 | ABX56460 | Abx56460 | Human | NOV |
| c 740 | 10 | 33.3 | 25 | 8 | ABX56463 | Abx56463 | Human | NOV |
| c 741 | 10 | 33.3 | 25 | 8 | ABX56457 | Abx56457 | Human | NOV |
| c 742 | 10 | 33.3 | 25 | 8 | ABX79561 | Abx79561 | Human | sec |
| c 743 | 10 | 33.3 | 25 | 8 | ACA93582 | Aca93582 | Novel | hum |
| c 744 | 10 | 33.3 | 25 | 8 | ABX81264 | Abx81264 | Human | sec |
| c 745 | 10 | 33.3 | 25 | 8 | ACC72201 | Acc72201 | Ag746 | pro |
| c 746 | 10 | 33.3 | 25 | 8 | ACC72198 | Acc72198 | Ag1294b | p |
| c 747 | 10 | 33.3 | 25 | 8 | ACC72204 | Acc72204 | Ag905 | pro |

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| c 748 | 10 | 33.3 | 25 | 8 | ACA93080 | Aca93080 | Novel | hum |
| c 749 | 10 | 33.3 | 25 | 8 | ABX17164 | Abx17164 | Human | PRO |
| c 750 | 10 | 33.3 | 25 | 9 | ACA68019 | Aca68019 | Novel | hum |
| c 751 | 10 | 33.3 | 25 | 9 | ACA88468 | Aca88468 | Human | sec |
| c 752 | 10 | 33.3 | 25 | 9 | ACD81975 | Acd81975 | Human | PRO |
| c 753 | 10 | 33.3 | 25 | 9 | ADA37906 | Ada37906 | Human | sec |
| c 754 | 10 | 33.3 | 25 | 9 | ADA21592 | Ada21592 | Human | sec |
| c 755 | 10 | 33.3 | 25 | 9 | ADA10379 | Ada10379 | Human | PRO |
| 756 | 10 | 33.3 | 25 | 9 | ACI69525 | Aci69525 | Human | mic |
| 757 | 10 | 33.3 | 25 | 9 | ACK21504 | Ack21504 | Human | mic |
| 758 | 10 | 33.3 | 25 | 9 | ACI30974 | Aci30974 | Human | mic |
| c 759 | 10 | 33.3 | 25 | 9 | ACI57430 | Aci57430 | Human | mic |
| c 760 | 10 | 33.3 | 25 | 9 | ACI57431 | Aci57431 | Human | mic |
| 761 | 10 | 33.3 | 25 | 9 | ACI88529 | Aci88529 | Human | mic |
| c 762 | 10 | 33.3 | 25 | 9 | ACK16220 | Ack16220 | Human | mic |
| 763 | 10 | 33.3 | 25 | 9 | ACI45727 | Aci45727 | Human | mic |
| 764 | 10 | 33.3 | 25 | 9 | ACK28730 | Ack28730 | Human | mic |
| c 765 | 10 | 33.3 | 25 | 9 | ACI58475 | Aci58475 | Human | mic |
| c 766 | 10 | 33.3 | 25 | 9 | ACI59032 | Aci59032 | Human | mic |
| c 767 | 10 | 33.3 | 25 | 9 | ACI59033 | Aci59033 | Human | mic |
| 768 | 10 | 33.3 | 25 | 9 | ACI11082 | Aci11082 | Human | mic |
| 769 | 10 | 33.3 | 25 | 9 | ACI99924 | Aci99924 | Human | mic |
| c 770 | 10 | 33.3 | 25 | 9 | ACI60723 | Aci60723 | Human | mic |
| 771 | 10 | 33.3 | 25 | 9 | ACI69524 | Aci69524 | Human | mic |
| 772 | 10 | 33.3 | 25 | 9 | ACI44347 | Aci44347 | Human | mic |
| 773 | 10 | 33.3 | 25 | 9 | ACI19971 | Aci19971 | Human | mic |
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| 775 | 10 | 33.3 | 25 | 9 | ACI50623 | Aci50623 | Human | mic |
| c 776 | 10 | 33.3 | 25 | 9 | ACK05750 | Ack05750 | Human | mic |
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| 785 | 10 | 33.3 | 25 | 9 | ACI10454 | Aci10454 | Human | mic |
| c 786 | 10 | 33.3 | 25 | 9 | ACI60722 | Aci60722 | Human | mic |
| 787 | 10 | 33.3 | 25 | 9 | ACI79637 | Aci79637 | Human | mic |
| c 788 | 10 | 33.3 | 25 | 9 | ACI70605 | Aci70605 | Human | mic |
| c 789 | 10 | 33.3 | 25 | 9 | ACK26817 | Ack26817 | Human | mic |
| c 790 | 10 | 33.3 | 25 | 9 | ACK07534 | Ack07534 | Human | mic |
| c 791 | 10 | 33.3 | 25 | 9 | ACI37097 | Aci37097 | Human | mic |
| 792 | 10 | 33.3 | 25 | 9 | ACI42773 | Aci42773 | Human | mic |
| 793 | 10 | 33.3 | 25 | 9 | ACI98916 | Aci98916 | Human | mic |
| c 794 | 10 | 33.3 | 25 | 9 | ACI80318 | Aci80318 | Human | mic |
| c 795 | 10 | 33.3 | 25 | 9 | ACI37096 | Aci37096 | Human | mic |
| 796 | 10 | 33.3 | 25 | 9 | ACI89650 | Aci89650 | Human | mic |
| 797 | 10 | 33.3 | 25 | 9 | ACK23271 | Ack23271 | Human | mic |
| 798 | 10 | 33.3 | 25 | 9 | ACI13473 | Aci13473 | Human | mic |
| 799 | 10 | 33.3 | 25 | 9 | ACI64680 | Aci64680 | Human | mic |
| 800 | 10 | 33.3 | 25 | 9 | ACI65298 | Aci65298 | Human | mic |
| 801 | 10 | 33.3 | 25 | 9 | ACI52417 | Aci52417 | Human | mic |
| c 802 | 10 | 33.3 | 25 | 9 | ACK28411 | Ack28411 | Human | mic |
| 803 | 10 | 33.3 | 25 | 9 | ACI81395 | Aci81395 | Human | mic |
| c 804 | 10 | 33.3 | 25 | 9 | ACK13028 | Ack13028 | Human | mic |

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| 805 | 10 | 33.3 | 25 | 9 | ACI65299 | Aci65299 | Human | mic |
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| 807 | 10 | 33.3 | 25 | 9 | ACI45726 | Aci45726 | Human | mic |
| 808 | 10 | 33.3 | 25 | 9 | ACI55562 | Aci55562 | Human | mic |
| c 809 | 10 | 33.3 | 25 | 9 | ACI46861 | Aci46861 | Human | mic |
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| 811 | 10 | 33.3 | 25 | 9 | ACI82586 | Aci82586 | Human | mic |
| c 812 | 10 | 33.3 | 25 | 9 | ACK09412 | Ack09412 | Human | mic |
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| 814 | 10 | 33.3 | 25 | 9 | ACI99298 | Aci99298 | Human | mic |
| c 815 | 10 | 33.3 | 25 | 9 | ADA17923 | Ada17923 | Human | PRO |
| c 816 | 10 | 33.3 | 25 | 9 | ACH59147 | Ach59147 | DNA | targe |
| c 817 | 10 | 33.3 | 25 | 9 | ACH54818 | Ach54818 | DNA | targe |
| c 818 | 10 | 33.3 | 25 | 9 | ACH53678 | Ach53678 | DNA | targe |
| 819 | 10 | 33.3 | 25 | 9 | ACH57271 | Ach57271 | DNA | targe |
| 820 | 10 | 33.3 | 25 | 9 | ACH64233 | Ach64233 | DNA | targe |
| c 821 | 10 | 33.3 | 25 | 9 | ADA28031 | Ada28031 | Human | sec |
| c 822 | 10 | 33.3 | 25 | 9 | ADA94611 | Ada94611 | Human | sec |
| c 823 | 10 | 33.3 | 25 | 9 | ADA38836 | Ada38836 | Human | sec |
| c 824 | 10 | 33.3 | 25 | 9 | ADA92957 | Ada92957 | Human | sec |
| c 825 | 10 | 33.3 | 25 | 9 | ACH65536 | Ach65536 | Human | sec |
| c 826 | 10 | 33.3 | 25 | 9 | ACC79782 | Acc79782 | Transform | |
| c 827 | 10 | 33.3 | 25 | 9 | ADA22518 | Ada22518 | Human | sec |
| c 828 | 10 | 33.3 | 25 | 9 | ACD39526 | Acd39526 | Human | PRO |
| c 829 | 10 | 33.3 | 25 | 9 | ADA06684 | Ada06684 | Human | sec |
| c 830 | 10 | 33.3 | 25 | 9 | ADA39377 | Ada39377 | Human | sec |
| c 831 | 10 | 33.3 | 25 | 9 | ADB96403 | Adb96403 | Human | PRO |
| c 832 | 10 | 33.3 | 25 | 10 | ADC57875 | Adc57875 | Human | PRO |
| c 833 | 10 | 33.3 | 25 | 10 | ADC55239 | Adc55239 | Human | PRO |
| c 834 | 10 | 33.3 | 25 | 10 | ADC12106 | Adc12106 | Human | sec |
| c 835 | 10 | 33.3 | 25 | 10 | ADC56528 | Adc56528 | Human | PRO |
| c 836 | 10 | 33.3 | 25 | 10 | ADC07583 | Adc07583 | Human | sec |
| c 837 | 10 | 33.3 | 25 | 10 | ADC11573 | Adc11573 | Human | sec |
| c 838 | 10 | 33.3 | 25 | 10 | ADC14695 | Adc14695 | Novel | hum |
| c 839 | 10 | 33.3 | 25 | 10 | ADD08227 | Add08227 | Human | sec |
| c 840 | 10 | 33.3 | 25 | 10 | ADC82052 | Adc82052 | Human | PRO |
| c 841 | 10 | 33.3 | 25 | 10 | ADD07694 | Add07694 | Human | sec |
| c 842 | 10 | 33.3 | 25 | 10 | ADC82585 | Adc82585 | Human | PRO |
| c 843 | 10 | 33.3 | 25 | 10 | ADD08765 | Add08765 | Human | sec |
| c 844 | 10 | 33.3 | 25 | 10 | ADD07014 | Add07014 | Human | sec |
| c 845 | 10 | 33.3 | 25 | 10 | ADC83261 | Adc83261 | Human | PRO |
| c 846 | 10 | 33.3 | 25 | 10 | ADD32178 | Add32178 | Human | IL- |
| c 847 | 10 | 33.3 | 25 | 10 | ADD55368 | Add55368 | Human | PRO |
| c 848 | 10 | 33.3 | 25 | 10 | ADD56326 | Add56326 | Human | PRO |
| c 849 | 10 | 33.3 | 25 | 10 | ADD54764 | Add54764 | Human | PRO |
| c 850 | 10 | 33.3 | 25 | 10 | ADE26918 | Ade26918 | Novel | hum |
| c 851 | 10 | 33.3 | 25 | 10 | ADE40306 | Ade40306 | 5' TET an | |
| c 852 | 10 | 33.3 | 25 | 10 | ADE40300 | Ade40300 | 5' TET an | |
| c 853 | 10 | 33.3 | 25 | 10 | ADE40303 | Ade40303 | 5' TET an | |
| c 854 | 10 | 33.3 | 25 | 10 | ADE26385 | Ade26385 | Novel | hum |
| c 855 | 10 | 33.3 | 25 | 10 | ADF67322 | Adf67322 | Human | CDN |
| c 856 | 10 | 33.3 | 25 | 10 | ADI35576 | Adi35576 | Human | PRO |
| c 857 | 10 | 33.3 | 25 | 10 | ADI00069 | Adi00069 | Novel | hum |
| c 858 | 10 | 33.3 | 25 | 10 | ABX77965 | Abx77965 | Human | PRO |
| c 859 | 10 | 33.3 | 25 | 10 | ABX80377 | Abx80377 | Human | sec |
| c 860 | 10 | 33.3 | 25 | 10 | ACA69283 | Aca69283 | Human | sec |
| c 861 | 10 | 33.3 | 25 | 10 | ABX90354 | Abx90354 | Human | sec |

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| c 862 | 10 | 33.3 | 25 | 10 | ABX64200 | Abx64200 Human PRO |
| c 863 | 10 | 33.3 | 25 | 12 | ADF35521 | Adf35521 Human PRO |
| c 864 | 10 | 33.3 | 25 | 12 | ADG11771 | Adg11771 Human PRO |
| c 865 | 10 | 33.3 | 25 | 12 | ADH19641 | Adh19641 Human sec |
| c 866 | 10 | 33.3 | 25 | 12 | ADH21134 | Adh21134 Human sec |
| c 867 | 10 | 33.3 | 25 | 12 | ADH20174 | Adh20174 Human sec |
| c 868 | 10 | 33.3 | 25 | 12 | ADH72687 | Adh72687 Human pro |
| c 869 | 10 | 33.3 | 25 | 12 | ADH72690 | Adh72690 Human pro |
| 870 | 10 | 33.3 | 25 | 12 | ADL56955 | Adl56955 Human NOV |
| 871 | 10 | 33.3 | 25 | 12 | ADO39339 | Ado39339 Human NOV |
| c 872 | 10 | 33.3 | 25 | 12 | ADO11479 | Ado11479 Single mu |
| 873 | 10 | 33.3 | 25 | 12 | ADO12014 | Ado12014 Single mu |
| c 874 | 10 | 33.3 | 25 | 12 | ADP02946 | Adp02946 Human 2', |
| 875 | 10 | 33.3 | 25 | 12 | ADP14083 | Adp14083 Renal cel |
| c 876 | 10 | 33.3 | 25 | 12 | ADP16264 | Adp16264 Renal cel |
| 877 | 10 | 33.3 | 25 | 12 | ADP14082 | Adp14082 Renal cel |
| 878 | 10 | 33.3 | 25 | 12 | ADP14080 | Adp14080 Renal cel |
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| 880 | 10 | 33.3 | 25 | 12 | ADP14084 | Adp14084 Renal cel |
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| c 893 | 10 | 33.3 | 26 | 6 | ABT04239 | Abt04239 Human G-p |
| c 894 | 10 | 33.3 | 26 | 6 | ABK40219 | Abk40219 Human G p |
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| c 897 | 10 | 33.3 | 26 | 10 | ADL25098 | Adl25098 Intestina |
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| c 899 | 10 | 33.3 | 26 | 12 | ADH30989 | Adh30989 Human G-p |
| c 900 | 10 | 33.3 | 26 | 12 | ADH30992 | Adh30992 Human G-p |
| c 901 | 10 | 33.3 | 26 | 12 | ADH30986 | Adh30986 Human G-p |
| c 902 | 10 | 33.3 | 26 | 12 | ADN49422 | Adn49422 Human MEM |
| c 903 | 10 | 33.3 | 26 | 12 | ADN14458 | Adn14458 Adapter f |
| 904 | 10 | 33.3 | 26 | 12 | ADP20225 | Adp20225 Human G p |
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| 906 | 10 | 33.3 | 27 | 2 | AAQ78744 | Aaq78744 Murine an |
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| 913 | 10 | 33.3 | 27 | 2 | AAX80240 | Aax80240 Human BRC |
| 914 | 10 | 33.3 | 27 | 2 | AAZ19847 | Aaz19847 E. coli t |
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| 917 | 10 | 33.3 | 27 | 3 | AAZ94585 | Aaz94585 Maize cyc |
| c 918 | 10 | 33.3 | 27 | 3 | AAA74848 | Aaa74848 Human IFN |

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| 923 | 10 | 33.3 | 27 | 6 | ABQ74363 | Abq74363 Truncated |
| c 924 | 10 | 33.3 | 27 | 6 | ABN85152 | Abn85152 HIV gp41 |
| 925 | 10 | 33.3 | 27 | 6 | ABN85151 | Abn85151 HIV gp41 |
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| c 936 | 10 | 33.3 | 28 | 12 | ADN01475 | Adn01475 Escherich |
| c 937 | 10 | 33.3 | 28 | 12 | ADN11898 | Adn11898 F oxyspor |
| c 938 | 10 | 33.3 | 28 | 12 | ADP27752 | Adp27752 PCR prime |
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| 941 | 10 | 33.3 | 29 | 2 | AAX59649 | Aax59649 PCR prime |
| 942 | 10 | 33.3 | 29 | 2 | AAV91479 | Aav91479 Human C-r |
| c 943 | 10 | 33.3 | 29 | 2 | AAX76816 | Aax76816 PCR prime |
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| 954 | 10 | 33.3 | 29 | 12 | ADM76421 | Adm76421 Human mye |
| 955 | 10 | 33.3 | 29 | 12 | ADO10947 | Ado10947 Single mu |
| c 956 | 10 | 33.3 | 29 | 12 | ADO10999 | Ado10999 Single mu |
| 957 | 10 | 33.3 | 30 | 2 | AAQ74349 | Aaq74349 Human CD3 |
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| c 959 | 10 | 33.3 | 30 | 2 | AAT79710 | Aat79710 Tumour ne |
| 960 | 10 | 33.3 | 30 | 2 | AAT99617 | Aat99617 Protein k |
| c 961 | 10 | 33.3 | 30 | 2 | AAV63955 | Aav63955 Mycobacte |
| c 962 | 10 | 33.3 | 30 | 2 | AAZ24696 | Aaz24696 CD3delta |
| c 963 | 10 | 33.3 | 30 | 2 | AAX28029 | Aax28029 PCR prime |
| c 964 | 10 | 33.3 | 30 | 4 | AAF27903 | Aaf27903 Human NOV |
| c 965 | 10 | 33.3 | 30 | 4 | AAF82275 | Aaf82275 Human PIG |
| 966 | 10 | 33.3 | 30 | 6 | AAS17811 | Aas17811 CD3 delta |
| 967 | 10 | 33.3 | 30 | 6 | ABQ78269 | Abq78269 Primer us |
| 968 | 10 | 33.3 | 30 | 6 | ABT04893 | Abt04893 Human G p |
| 969 | 10 | 33.3 | 30 | 6 | ABX69054 | Abx69054 Novel Hel |
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| 972 | 10 | 33.3 | 30 | 8 | ABX10484 | Abx10484 Human CD3 |
| c 973 | 10 | 33.3 | 30 | 9 | ACD40307 | Acd40307 Breast tu |
| 974 | 10 | 33.3 | 30 | 10 | ADB98783 | Adb98783 Mouse Zma |
| c 975 | 10 | 33.3 | 30 | 10 | ACF80631 | Acf80631 BK channe |

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| c 980 | 10 | 33.3 | 30 | 12 | ADN01471 | Adn01471 Enterobac |
| c 981 | 10 | 33.3 | 30 | 12 | ADO60315 | Ado60315 Human NOV |
| c 982 | 10 | 33.3 | 30 | 12 | ADN89240 | Adn89240 Human CD4 |
| 983 | 10 | 33.3 | 31 | 2 | AAT31732 | Aat31732 Saccharom |
| 984 | 10 | 33.3 | 31 | 2 | AAX56038 | Aax56038 HIV-1 Gro |
| 985 | 10 | 33.3 | 31 | 2 | AAX37153 | Aax37153 PCR prime |
| 986 | 10 | 33.3 | 31 | 3 | AAZ90264 | Aaz90264 Synthetic |
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| 991 | 10 | 33.3 | 31 | 10 | AAD36858 | Aad36858 Green flu |
| 992 | 10 | 33.3 | 31 | 11 | ADL73830 | Adl73830 Human PKR |
| c 993 | 10 | 33.3 | 31 | 12 | ADH97061 | Adh97061 S. pneumo |
| c 994 | 10 | 33.3 | 31 | 12 | ADL99251 | Adl99251 Truncated |
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| c 996 | 10 | 33.3 | 32 | 2 | AAT35979 | Aat35979 Antisense |
| c 997 | 10 | 33.3 | 32 | 2 | AAT90807 | Aat90807 Persephin |
| 998 | 10 | 33.3 | 32 | 4 | AAF56168 | Aaf56168 Streptomy |
| 999 | 10 | 33.3 | 32 | 4 | AAA54400 | Aaa54400 Primer fo |
| 1000 | 10 | 33.3 | 32 | 6 | AAD29238 | Aad29238 Soybean f |

ALIGNMENTS

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 06:42:21 ; Search time 30 Seconds
 (without alignments)
 710.789 Million cell updates/sec

Title: US-09-463-209D-1_COPY_54_83
 Perfect score: 30
 Sequence: 1 aggtggaagcatggtgacatgtggagctga 30

Scoring table: OLIGO_NUC
 Gapop 60.0 , Gapext 60.0

Searched: 824507 seqs, 355394441 residues

Word size : 10

Total number of hits satisfying chosen parameters: 376

Minimum DB seq length: 0
 Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result | | | % | | Query | | | | Description |
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| c | 16 | 11 | 36.7 | 17 | 2 | US-08-292-620A-2000 | Sequence 2000, Ap |
| | 17 | 11 | 36.7 | 17 | 2 | US-08-698-805-10 | Sequence 10, Appl |
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| c | 22 | 11 | 36.7 | 18 | 5 | PCT-US93-12600-26 | Sequence 26, Appl |
| c | 23 | 11 | 36.7 | 20 | 3 | US-09-487-368A-218 | Sequence 218, App |
| c | 24 | 11 | 36.7 | 20 | 4 | US-09-629-644A-218 | Sequence 218, App |
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| | 26 | 11 | 36.7 | 21 | 3 | US-09-397-168-9 | Sequence 9, Appli |
| | 27 | 11 | 36.7 | 21 | 4 | US-09-422-978-11770 | Sequence 11770, A |
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| c | 29 | 11 | 36.7 | 21 | 5 | PCT-US93-12600-25 | Sequence 25, Appl |
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| c | 31 | 11 | 36.7 | 22 | 1 | US-08-457-648-47 | Sequence 47, Appl |
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| | 35 | 11 | 36.7 | 23 | 4 | US-09-585-173B-54 | Sequence 54, Appl |
| c | 36 | 11 | 36.7 | 24 | 5 | PCT-US93-12600-23 | Sequence 23, Appl |
| c | 37 | 11 | 36.7 | 24 | 5 | PCT-US93-12600-24 | Sequence 24, Appl |
| | 38 | 11 | 36.7 | 25 | 3 | US-09-522-217-45 | Sequence 45, Appl |
| c | 39 | 11 | 36.7 | 25 | 4 | US-09-598-880B-1 | Sequence 1, Appli |
| | 40 | 11 | 36.7 | 25 | 4 | US-09-923-246-45 | Sequence 45, Appl |
| | 41 | 11 | 36.7 | 25 | 4 | US-10-295-723-45 | Sequence 45, Appl |
| | 42 | 11 | 36.7 | 26 | 3 | US-09-257-503A-25 | Sequence 25, Appl |
| c | 43 | 11 | 36.7 | 27 | 4 | US-09-791-500-18 | Sequence 18, Appl |
| c | 44 | 11 | 36.7 | 27 | 5 | PCT-US93-12600-22 | Sequence 22, Appl |
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| c | 46 | 11 | 36.7 | 29 | 2 | US-09-005-970-5 | Sequence 5, Appli |
| c | 47 | 11 | 36.7 | 29 | 3 | US-09-407-715-5 | Sequence 5, Appli |
| c | 48 | 11 | 36.7 | 30 | 3 | US-09-242-690A-22 | Sequence 22, Appl |
| c | 49 | 11 | 36.7 | 30 | 4 | US-09-908-855-22 | Sequence 22, Appl |
| | 50 | 11 | 36.7 | 32 | 1 | US-08-292-549-8 | Sequence 8, Appli |
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| | 52 | 11 | 36.7 | 36 | 2 | US-08-292-620A-1150 | Sequence 1150, Ap |
| | 53 | 11 | 36.7 | 36 | 2 | US-08-292-620A-1252 | Sequence 1252, Ap |
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| | 55 | 11 | 36.7 | 36 | 3 | US-09-071-845-1150 | Sequence 1150, Ap |
| | 56 | 11 | 36.7 | 36 | 3 | US-09-071-845-1252 | Sequence 1252, Ap |
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| | 59 | 11 | 36.7 | 38 | 4 | US-09-371-772B-13590 | Sequence 13590, A |
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| c | 61 | 11 | 36.7 | 41 | 3 | US-09-464-453-48 | Sequence 48, Appl |
| | 62 | 11 | 36.7 | 42 | 1 | US-07-640-029-9 | Sequence 9, Appli |
| | 63 | 11 | 36.7 | 42 | 1 | US-07-921-807B-15 | Sequence 15, Appl |
| | 64 | 11 | 36.7 | 42 | 1 | US-08-441-944A-15 | Sequence 15, Appl |
| | 65 | 11 | 36.7 | 42 | 3 | US-08-439-992A-9 | Sequence 9, Appli |
| c | 66 | 11 | 36.7 | 48 | 4 | US-09-518-914-23 | Sequence 23, Appl |
| | 67 | 11 | 36.7 | 51 | 3 | US-08-602-145-5 | Sequence 5, Appli |
| c | 68 | 11 | 36.7 | 51 | 4 | US-09-443-199C-831 | Sequence 831, App |
| c | 69 | 11 | 36.7 | 51 | 4 | US-09-443-199C-832 | Sequence 832, App |

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| c | 70 | 11 | 36.7 | 52 | 1 | US-08-292-549-7 | Sequence 7, Appli |
| | 71 | 11 | 36.7 | 52 | 3 | US-08-602-145-6 | Sequence 6, Appli |
| c | 72 | 11 | 36.7 | 57 | 4 | US-10-256-221-5 | Sequence 5, Appli |
| | 73 | 11 | 36.7 | 60 | 1 | US-08-424-788-14 | Sequence 14, Appl |
| | 74 | 11 | 36.7 | 60 | 4 | US-08-899-367-6 | Sequence 6, Appli |
| | 75 | 11 | 36.7 | 61 | 4 | US-08-956-171E-2030 | Sequence 2030, Ap |
| | 76 | 11 | 36.7 | 61 | 4 | US-08-781-986A-2030 | Sequence 2030, Ap |
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| c | 78 | 11 | 36.7 | 69 | 3 | US-09-069-781B-20 | Sequence 20, Appl |
| c | 79 | 11 | 36.7 | 69 | 3 | US-09-137-132-20 | Sequence 20, Appl |
| c | 80 | 11 | 36.7 | 69 | 3 | US-08-864-564A-20 | Sequence 20, Appl |
| c | 81 | 11 | 36.7 | 69 | 4 | US-09-094-410-20 | Sequence 20, Appl |
| c | 82 | 11 | 36.7 | 69 | 4 | US-08-708-123D-20 | Sequence 20, Appl |
| c | 83 | 11 | 36.7 | 69 | 4 | US-08-583-153A-20 | Sequence 20, Appl |
| c | 84 | 11 | 36.7 | 69 | 4 | US-08-638-524B-20 | Sequence 20, Appl |
| c | 85 | 11 | 36.7 | 71 | 3 | US-08-952-793-314 | Sequence 314, App |
| c | 86 | 11 | 36.7 | 71 | 4 | US-09-849-928-314 | Sequence 314, App |
| c | 87 | 11 | 36.7 | 71 | 5 | PCT-US96-09455A-314 | Sequence 314, App |
| c | 88 | 11 | 36.7 | 74 | 3 | US-09-315-793-54 | Sequence 54, Appl |
| c | 89 | 10 | 33.3 | 12 | 4 | US-08-477-831C-22 | Sequence 22, Appl |
| c | 90 | 10 | 33.3 | 15 | 3 | US-09-081-646-294 | Sequence 294, App |
| c | 91 | 10 | 33.3 | 15 | 3 | US-09-081-646-621 | Sequence 621, App |
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| | 94 | 10 | 33.3 | 16 | 4 | US-09-765-400-42 | Sequence 42, Appl |
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| | 98 | 10 | 33.3 | 18 | 3 | US-09-213-719-29 | Sequence 29, Appl |
| | 99 | 10 | 33.3 | 18 | 3 | US-09-721-822A-133 | Sequence 133, App |
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| c | 104 | 10 | 33.3 | 19 | 4 | US-08-470-246-60 | Sequence 60, Appl |
| c | 105 | 10 | 33.3 | 19 | 4 | US-08-316-765-60 | Sequence 60, Appl |
| c | 106 | 10 | 33.3 | 19 | 4 | US-09-724-475-60 | Sequence 60, Appl |
| c | 107 | 10 | 33.3 | 19 | 5 | PCT-US93-08849A-60 | Sequence 60, Appl |
| c | 108 | 10 | 33.3 | 19 | 5 | PCT-US93-08849-60 | Sequence 60, Appl |
| c | 109 | 10 | 33.3 | 20 | 1 | US-08-222-177A-276 | Sequence 276, App |
| c | 110 | 10 | 33.3 | 20 | 3 | US-09-313-932-295 | Sequence 295, App |
| c | 111 | 10 | 33.3 | 20 | 3 | US-09-313-932-438 | Sequence 438, App |
| | 112 | 10 | 33.3 | 20 | 3 | US-09-488-856A-70 | Sequence 70, Appl |
| | 113 | 10 | 33.3 | 20 | 3 | US-09-561-497-59 | Sequence 59, Appl |
| c | 114 | 10 | 33.3 | 20 | 3 | US-09-702-246-19 | Sequence 19, Appl |
| | 115 | 10 | 33.3 | 20 | 4 | US-09-657-452A-91 | Sequence 91, Appl |
| c | 116 | 10 | 33.3 | 20 | 4 | US-09-517-467B-141 | Sequence 141, App |
| | 117 | 10 | 33.3 | 20 | 4 | US-09-898-361-121 | Sequence 121, App |
| c | 118 | 10 | 33.3 | 20 | 4 | US-09-198-452A-1446 | Sequence 1446, Ap |
| c | 119 | 10 | 33.3 | 20 | 4 | US-09-198-452A-4078 | Sequence 4078, Ap |
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| 127 | 10 | 33.3 | 21 | 2 | US-08-474-851-31 | Sequence 31, Appl |
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| c 130 | 10 | 33.3 | 21 | 2 | US-08-466-793-41 | Sequence 41, Appl |
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| 135 | 10 | 33.3 | 21 | 3 | US-08-621-841-54 | Sequence 54, Appl |
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| 138 | 10 | 33.3 | 21 | 3 | US-09-275-384B-6 | Sequence 6, Appli |
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| 147 | 10 | 33.3 | 22 | 3 | US-09-481-049-3 | Sequence 3, Appli |
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| c 159 | 10 | 33.3 | 25 | 4 | US-08-488-446-680 | Sequence 680, App |
| c 160 | 10 | 33.3 | 25 | 4 | US-08-467-344A-680 | Sequence 680, App |
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| 177 | 10 | 33.3 | 27 | 4 | US-09-398-858-3 | Sequence 3, Appli |
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| 182 | 10 | 33.3 | 27 | 4 | US-09-894-799-27 | Sequence 27, Appl |
| 183 | 10 | 33.3 | 27 | 4 | US-10-374-539-15 | Sequence 15, Appl |

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| 376 | 10 | 33.3 | 100 | 4 | US-09-313-294A-1353 | Sequence 1353, Ap |

ALIGNMENTS

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 06:52:08 ; Search time 132.99 Seconds
(without alignments)
1296.166 Million cell updates/sec

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Gapop 60.0 , Gapext 60.0

Searched: 4300275 seqs, 2872944193 residues

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Total number of hits satisfying chosen parameters: 1001

Minimum DB seq length: 0
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Post-processing: Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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| c 5 | 13 | 43.3 | 21 | 16 US-10-684-190-58 | Sequence 58, Appl |
| c 6 | 13 | 43.3 | 37 | 10 US-09-769-736-185 | Sequence 185, App |
| 7 | 13 | 43.3 | 43 | 10 US-09-326-956-4 | Sequence 4, Appli |
| c 8 | 13 | 43.3 | 65 | 10 US-09-908-975-27908 | Sequence 27908, A |
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| c 41 | 12 | 40.0 | 80 | 16 US-10-384-245-667 | Sequence 667, App |
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| 43 | 12 | 40.0 | 93 | 14 US-10-092-750-211 | Sequence 211, App |
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| c 52 | 11 | 36.7 | 17 | 15 US-10-156-306-1273 | Sequence 1273, Ap |
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| c | 66 | 11 | 36.7 | 20 | 16 | US-10-188-779A-78 | Sequence 78, Appl |
| c | 67 | 11 | 36.7 | 20 | 16 | US-10-188-779A-142 | Sequence 142, App |
| | 68 | 11 | 36.7 | 20 | 16 | US-10-188-779A-218 | Sequence 218, App |
| | 69 | 11 | 36.7 | 20 | 16 | US-10-188-779A-260 | Sequence 260, App |
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| c | 71 | 11 | 36.7 | 20 | 16 | US-10-298-955-43 | Sequence 43, Appl |
| c | 72 | 11 | 36.7 | 20 | 17 | US-10-766-185-23 | Sequence 23, Appl |
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| | 77 | 11 | 36.7 | 20 | 18 | US-10-776-013-199 | Sequence 199, App |
| | 78 | 11 | 36.7 | 20 | 18 | US-10-776-013-200 | Sequence 200, App |
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| c 153 | 11 | 36.7 | 31 | 10 | US-09-912-263-144 | Sequence 144, App |
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| 167 | 11 | 36.7 | 40 | 18 | US-10-469-851-152 | Sequence 152, App |
| c 168 | 11 | 36.7 | 40 | 18 | US-10-469-851-153 | Sequence 153, App |

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| c 174 | 11 | 36.7 | 41 | 16 | US-10-126-022-243 | Sequence 243, App |
| c 175 | 11 | 36.7 | 41 | 16 | US-10-126-022-244 | Sequence 244, App |
| c 176 | 11 | 36.7 | 41 | 16 | US-10-126-022-375 | Sequence 375, App |
| c 177 | 11 | 36.7 | 41 | 16 | US-10-126-022-376 | Sequence 376, App |
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| 217 | 11 | 36.7 | 65 | 10 | US-09-908-975-29102 | Sequence 29102, A |
| c 218 | 11 | 36.7 | 69 | 13 | US-10-079-625-20 | Sequence 20, Appl |
| c 219 | 11 | 36.7 | 69 | 18 | US-10-830-922-14 | Sequence 14, Appl |
| 220 | 11 | 36.7 | 70 | 18 | US-10-793-190-68 | Sequence 68, Appl |
| c 221 | 11 | 36.7 | 71 | 10 | US-09-849-928-314 | Sequence 314, App |
| c 222 | 11 | 36.7 | 71 | 14 | US-10-066-960-314 | Sequence 314, App |
| c 223 | 11 | 36.7 | 71 | 16 | US-10-409-627-314 | Sequence 314, App |
| c 224 | 11 | 36.7 | 71 | 16 | US-10-705-300-314 | Sequence 314, App |
| 225 | 11 | 36.7 | 75 | 18 | US-10-317-821B-4 | Sequence 4, Appli |

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| 226 | 11 | 36.7 | 78 | 9 | US-09-864-761-27948 | Sequence 27948, A |
| c 227 | 11 | 36.7 | 78 | 9 | US-09-864-761-32247 | Sequence 32247, A |
| 228 | 11 | 36.7 | 79 | 18 | US-10-618-941-134 | Sequence 134, App |
| 229 | 11 | 36.7 | 80 | 16 | US-10-448-250-1 | Sequence 1, Appli |
| c 230 | 11 | 36.7 | 80 | 16 | US-10-384-245-198 | Sequence 198, App |
| 231 | 11 | 36.7 | 82 | 15 | US-10-029-386-26023 | Sequence 26023, A |
| c 232 | 11 | 36.7 | 90 | 16 | US-10-296-734-1441 | Sequence 1441, Ap |
| 233 | 11 | 36.7 | 94 | 9 | US-09-864-761-19048 | Sequence 19048, A |
| c 234 | 11 | 36.7 | 96 | 15 | US-10-029-386-19003 | Sequence 19003, A |
| 235 | 10 | 33.3 | 15 | 16 | US-10-376-341-194 | Sequence 194, App |
| 236 | 10 | 33.3 | 16 | 9 | US-09-765-400-42 | Sequence 42, Appl |
| 237 | 10 | 33.3 | 16 | 16 | US-10-376-341-198 | Sequence 198, App |
| 238 | 10 | 33.3 | 17 | 10 | US-09-927-046-820 | Sequence 820, App |
| 239 | 10 | 33.3 | 17 | 10 | US-09-927-046-1278 | Sequence 1278, Ap |
| 240 | 10 | 33.3 | 17 | 10 | US-09-927-046-1505 | Sequence 1505, Ap |
| 241 | 10 | 33.3 | 17 | 10 | US-09-927-046-1720 | Sequence 1720, Ap |
| 242 | 10 | 33.3 | 17 | 10 | US-09-927-046-1991 | Sequence 1991, Ap |
| 243 | 10 | 33.3 | 17 | 10 | US-09-927-046-1993 | Sequence 1993, Ap |
| 244 | 10 | 33.3 | 17 | 10 | US-09-927-046-2005 | Sequence 2005, Ap |
| c 245 | 10 | 33.3 | 17 | 15 | US-10-156-306-10 | Sequence 10, Appl |
| 246 | 10 | 33.3 | 17 | 16 | US-10-376-341-201 | Sequence 201, App |
| 247 | 10 | 33.3 | 17 | 17 | US-10-712-672-2211 | Sequence 2211, Ap |
| 248 | 10 | 33.3 | 17 | 17 | US-10-232-923-17 | Sequence 17, Appl |
| 249 | 10 | 33.3 | 18 | 16 | US-10-376-341-203 | Sequence 203, App |
| 250 | 10 | 33.3 | 19 | 14 | US-10-090-280-42 | Sequence 42, Appl |
| 251 | 10 | 33.3 | 19 | 15 | US-10-210-951-147 | Sequence 147, App |
| 252 | 10 | 33.3 | 19 | 15 | US-10-211-884-147 | Sequence 147, App |
| 253 | 10 | 33.3 | 19 | 15 | US-10-211-858-147 | Sequence 147, App |
| c 254 | 10 | 33.3 | 19 | 16 | US-10-400-348-3 | Sequence 3, Appli |
| 255 | 10 | 33.3 | 19 | 16 | US-10-016-248-137 | Sequence 137, App |
| c 256 | 10 | 33.3 | 19 | 16 | US-10-272-461-41 | Sequence 41, Appl |
| 257 | 10 | 33.3 | 20 | 8 | US-08-911-824-112 | Sequence 112, App |
| c 258 | 10 | 33.3 | 20 | 9 | US-09-096-259-15 | Sequence 15, Appl |
| 259 | 10 | 33.3 | 20 | 9 | US-09-096-259-20 | Sequence 20, Appl |
| 260 | 10 | 33.3 | 20 | 9 | US-09-893-666A-3 | Sequence 3, Appli |
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| c 263 | 10 | 33.3 | 20 | 9 | US-09-263-959-1144 | Sequence 1144, Ap |
| 264 | 10 | 33.3 | 20 | 9 | US-09-922-549B-43 | Sequence 43, Appl |
| 265 | 10 | 33.3 | 20 | 10 | US-09-898-361-121 | Sequence 121, App |
| c 266 | 10 | 33.3 | 20 | 10 | US-09-824-322B-295 | Sequence 295, App |
| c 267 | 10 | 33.3 | 20 | 10 | US-09-824-322B-438 | Sequence 438, App |
| 268 | 10 | 33.3 | 20 | 10 | US-09-888-361-121 | Sequence 121, App |
| c 269 | 10 | 33.3 | 20 | 10 | US-09-909-595-44 | Sequence 44, Appl |
| c 270 | 10 | 33.3 | 20 | 14 | US-10-001-076-100 | Sequence 100, App |
| c 271 | 10 | 33.3 | 20 | 15 | US-10-279-186-58 | Sequence 58, Appl |
| c 272 | 10 | 33.3 | 20 | 15 | US-10-279-186-59 | Sequence 59, Appl |
| c 273 | 10 | 33.3 | 20 | 15 | US-10-007-010-80 | Sequence 80, Appl |
| 274 | 10 | 33.3 | 20 | 15 | US-10-114-739A-43 | Sequence 43, Appl |
| c 275 | 10 | 33.3 | 20 | 15 | US-10-192-254-15 | Sequence 15, Appl |
| 276 | 10 | 33.3 | 20 | 15 | US-10-192-254-20 | Sequence 20, Appl |
| 277 | 10 | 33.3 | 20 | 15 | US-10-109-349A-71 | Sequence 71, Appl |
| c 278 | 10 | 33.3 | 20 | 15 | US-10-286-653-29 | Sequence 29, Appl |
| c 279 | 10 | 33.3 | 20 | 15 | US-10-286-653-30 | Sequence 30, Appl |
| 280 | 10 | 33.3 | 20 | 15 | US-10-286-653-31 | Sequence 31, Appl |
| 281 | 10 | 33.3 | 20 | 15 | US-10-286-653-32 | Sequence 32, Appl |
| c 282 | 10 | 33.3 | 20 | 15 | US-10-286-678-29 | Sequence 29, Appl |

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| 284 | 10 | 33.3 | 20 | 15 | US-10-286-678-31 | Sequence 31, Appl |
| 285 | 10 | 33.3 | 20 | 15 | US-10-286-678-32 | Sequence 32, Appl |
| 286 | 10 | 33.3 | 20 | 15 | US-10-181-875-70 | Sequence 70, Appl |
| c 287 | 10 | 33.3 | 20 | 15 | US-10-159-266-43 | Sequence 43, Appl |
| 288 | 10 | 33.3 | 20 | 15 | US-10-159-266-117 | Sequence 117, App |
| c 289 | 10 | 33.3 | 20 | 15 | US-10-177-554-138 | Sequence 138, App |
| c 290 | 10 | 33.3 | 20 | 16 | US-10-277-216-122 | Sequence 122, App |
| c 291 | 10 | 33.3 | 20 | 16 | US-10-189-256-76 | Sequence 76, Appl |
| 292 | 10 | 33.3 | 20 | 16 | US-10-189-256-138 | Sequence 138, App |
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| c 294 | 10 | 33.3 | 20 | 16 | US-10-289-762-4078 | Sequence 4078, Ap |
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| 297 | 10 | 33.3 | 20 | 16 | US-10-131-827-9001 | Sequence 9001, Ap |
| c 298 | 10 | 33.3 | 20 | 16 | US-10-085-198-569 | Sequence 569, App |
| c 299 | 10 | 33.3 | 20 | 16 | US-10-126-022-122 | Sequence 122, App |
| 300 | 10 | 33.3 | 20 | 16 | US-10-210-290-76 | Sequence 76, Appl |
| c 301 | 10 | 33.3 | 20 | 16 | US-10-210-290-129 | Sequence 129, App |
| 302 | 10 | 33.3 | 20 | 16 | US-10-262-511-317 | Sequence 317, App |
| c 303 | 10 | 33.3 | 20 | 16 | US-10-642-802-100 | Sequence 100, App |
| c 304 | 10 | 33.3 | 20 | 16 | US-10-272-461-6 | Sequence 6, Appli |
| c 305 | 10 | 33.3 | 20 | 16 | US-10-670-184-95 | Sequence 95, Appl |
| 306 | 10 | 33.3 | 20 | 16 | US-10-210-802-76 | Sequence 76, Appl |
| c 307 | 10 | 33.3 | 20 | 16 | US-10-210-802-129 | Sequence 129, App |
| c 308 | 10 | 33.3 | 20 | 16 | US-10-623-472-20 | Sequence 20, Appl |
| c 309 | 10 | 33.3 | 20 | 17 | US-10-319-914-14 | Sequence 14, Appl |
| 310 | 10 | 33.3 | 20 | 17 | US-10-319-914-92 | Sequence 92, Appl |
| c 311 | 10 | 33.3 | 20 | 17 | US-10-652-795-295 | Sequence 295, App |
| c 312 | 10 | 33.3 | 20 | 17 | US-10-652-795-438 | Sequence 438, App |
| c 313 | 10 | 33.3 | 20 | 17 | US-10-647-918-295 | Sequence 295, App |
| c 314 | 10 | 33.3 | 20 | 17 | US-10-647-918-438 | Sequence 438, App |
| c 315 | 10 | 33.3 | 20 | 17 | US-10-619-739-2009 | Sequence 2009, Ap |
| 316 | 10 | 33.3 | 20 | 18 | US-10-776-013-130 | Sequence 130, App |
| 317 | 10 | 33.3 | 20 | 18 | US-10-776-013-131 | Sequence 131, App |
| 318 | 10 | 33.3 | 20 | 18 | US-10-723-354-12 | Sequence 12, Appl |
| 319 | 10 | 33.3 | 20 | 18 | US-10-481-364A-60 | Sequence 60, Appl |
| 320 | 10 | 33.3 | 20 | 18 | US-10-481-364A-71 | Sequence 71, Appl |
| c 321 | 10 | 33.3 | 20 | 18 | US-10-484-007-44 | Sequence 44, Appl |
| c 322 | 10 | 33.3 | 20 | 18 | US-10-478-914-133 | Sequence 133, App |
| c 323 | 10 | 33.3 | 21 | 8 | US-08-979-847-111 | Sequence 111, App |
| c 324 | 10 | 33.3 | 21 | 9 | US-09-374-671-41 | Sequence 41, Appl |
| 325 | 10 | 33.3 | 21 | 9 | US-09-866-230-4 | Sequence 4, Appli |
| c 326 | 10 | 33.3 | 21 | 11 | US-09-727-030C-27 | Sequence 27, Appl |
| c 327 | 10 | 33.3 | 21 | 14 | US-10-196-107A-41 | Sequence 41, Appl |
| c 328 | 10 | 33.3 | 21 | 15 | US-10-005-956-962 | Sequence 962, App |
| 329 | 10 | 33.3 | 21 | 15 | US-10-229-834A-8 | Sequence 8, Appli |
| c 330 | 10 | 33.3 | 21 | 15 | US-10-114-104-111 | Sequence 111, App |
| c 331 | 10 | 33.3 | 21 | 16 | US-10-265-649-19 | Sequence 19, Appl |
| 332 | 10 | 33.3 | 21 | 16 | US-10-403-676-137 | Sequence 137, App |
| 333 | 10 | 33.3 | 21 | 16 | US-10-042-865-201 | Sequence 201, App |
| c 334 | 10 | 33.3 | 21 | 16 | US-10-262-511-362 | Sequence 362, App |
| 335 | 10 | 33.3 | 21 | 18 | US-10-786-720-11074 | Sequence 11074, A |
| 336 | 10 | 33.3 | 21 | 18 | US-10-786-720-11075 | Sequence 11075, A |
| c 337 | 10 | 33.3 | 21 | 18 | US-10-786-720-11076 | Sequence 11076, A |
| 338 | 10 | 33.3 | 21 | 18 | US-10-786-720-11077 | Sequence 11077, A |
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| 340 | 10 | 33.3 | 21 | 18 | US-10-786-720-11131 | Sequence 11131, A |
| 341 | 10 | 33.3 | 21 | 18 | US-10-786-720-11132 | Sequence 11132, A |
| c 342 | 10 | 33.3 | 21 | 18 | US-10-786-720-11133 | Sequence 11133, A |
| 343 | 10 | 33.3 | 21 | 18 | US-10-786-720-11134 | Sequence 11134, A |
| 344 | 10 | 33.3 | 21 | 18 | US-10-786-720-11135 | Sequence 11135, A |
| c 345 | 10 | 33.3 | 21 | 18 | US-10-786-720-11136 | Sequence 11136, A |
| 346 | 10 | 33.3 | 21 | 18 | US-10-786-720-13600 | Sequence 13600, A |
| 347 | 10 | 33.3 | 21 | 18 | US-10-786-720-13601 | Sequence 13601, A |
| c 348 | 10 | 33.3 | 21 | 18 | US-10-786-720-13602 | Sequence 13602, A |
| 349 | 10 | 33.3 | 21 | 18 | US-10-786-720-13603 | Sequence 13603, A |
| 350 | 10 | 33.3 | 21 | 18 | US-10-786-720-13604 | Sequence 13604, A |
| c 351 | 10 | 33.3 | 21 | 18 | US-10-786-720-13605 | Sequence 13605, A |
| 352 | 10 | 33.3 | 21 | 18 | US-10-786-720-13807 | Sequence 13807, A |
| 353 | 10 | 33.3 | 21 | 18 | US-10-786-720-13808 | Sequence 13808, A |
| c 354 | 10 | 33.3 | 21 | 18 | US-10-786-720-13809 | Sequence 13809, A |
| 355 | 10 | 33.3 | 21 | 18 | US-10-786-720-13810 | Sequence 13810, A |
| 356 | 10 | 33.3 | 21 | 18 | US-10-786-720-13811 | Sequence 13811, A |
| c 357 | 10 | 33.3 | 21 | 18 | US-10-786-720-13812 | Sequence 13812, A |
| 358 | 10 | 33.3 | 21 | 18 | US-10-786-720-13813 | Sequence 13813, A |
| c 359 | 10 | 33.3 | 21 | 18 | US-10-683-990-201 | Sequence 201, App |
| 360 | 10 | 33.3 | 21 | 18 | US-10-683-990-205 | Sequence 205, App |
| c 361 | 10 | 33.3 | 21 | 18 | US-10-683-990-209 | Sequence 209, App |
| 362 | 10 | 33.3 | 21 | 18 | US-10-683-990-213 | Sequence 213, App |
| c 363 | 10 | 33.3 | 21 | 18 | US-10-683-990-217 | Sequence 217, App |
| 364 | 10 | 33.3 | 21 | 18 | US-10-683-990-221 | Sequence 221, App |
| c 365 | 10 | 33.3 | 21 | 18 | US-10-683-990-225 | Sequence 225, App |
| 366 | 10 | 33.3 | 21 | 18 | US-10-683-990-229 | Sequence 229, App |
| c 367 | 10 | 33.3 | 21 | 18 | US-10-683-990-233 | Sequence 233, App |
| 368 | 10 | 33.3 | 21 | 18 | US-10-683-990-237 | Sequence 237, App |
| 369 | 10 | 33.3 | 21 | 18 | US-10-612-742-13 | Sequence 13, Appl |
| 370 | 10 | 33.3 | 21 | 18 | US-10-469-866-22 | Sequence 22, Appl |
| 371 | 10 | 33.3 | 21 | 18 | US-10-808-522-29 | Sequence 29, Appl |
| 372 | 10 | 33.3 | 21 | 18 | US-10-808-522-46 | Sequence 46, Appl |
| 373 | 10 | 33.3 | 21 | 18 | US-10-808-522-83 | Sequence 83, Appl |
| 374 | 10 | 33.3 | 21 | 18 | US-10-808-522-103 | Sequence 103, App |
| 375 | 10 | 33.3 | 21 | 18 | US-10-808-522-140 | Sequence 140, App |
| 376 | 10 | 33.3 | 21 | 18 | US-10-808-522-155 | Sequence 155, App |
| c 377 | 10 | 33.3 | 21 | 18 | US-10-751-736-1954 | Sequence 1954, Ap |
| c 378 | 10 | 33.3 | 21 | 18 | US-10-751-736-1955 | Sequence 1955, Ap |
| c 379 | 10 | 33.3 | 21 | 18 | US-10-751-736-1957 | Sequence 1957, Ap |
| c 380 | 10 | 33.3 | 21 | 18 | US-10-751-736-2206 | Sequence 2206, Ap |
| c 381 | 10 | 33.3 | 21 | 18 | US-10-751-736-2207 | Sequence 2207, Ap |
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| c 383 | 10 | 33.3 | 21 | 18 | US-10-751-736-2420 | Sequence 2420, Ap |
| c 384 | 10 | 33.3 | 21 | 18 | US-10-751-736-2578 | Sequence 2578, Ap |
| c 385 | 10 | 33.3 | 21 | 18 | US-10-751-736-2579 | Sequence 2579, Ap |
| c 386 | 10 | 33.3 | 21 | 18 | US-10-751-736-4642 | Sequence 4642, Ap |
| c 387 | 10 | 33.3 | 21 | 18 | US-10-751-736-4643 | Sequence 4643, Ap |
| c 388 | 10 | 33.3 | 21 | 18 | US-10-751-736-5125 | Sequence 5125, Ap |
| c 389 | 10 | 33.3 | 21 | 18 | US-10-751-736-5126 | Sequence 5126, Ap |
| c 390 | 10 | 33.3 | 21 | 18 | US-10-751-736-5476 | Sequence 5476, Ap |
| c 391 | 10 | 33.3 | 21 | 18 | US-10-751-736-10413 | Sequence 10413, A |
| c 392 | 10 | 33.3 | 21 | 18 | US-10-751-736-10416 | Sequence 10416, A |
| c 393 | 10 | 33.3 | 21 | 18 | US-10-751-736-10692 | Sequence 10692, A |
| c 394 | 10 | 33.3 | 21 | 18 | US-10-751-736-16188 | Sequence 16188, A |
| c 395 | 10 | 33.3 | 21 | 18 | US-10-751-736-18979 | Sequence 18979, A |
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| c 397 | 10 | 33.3 | 21 | 18 | US-10-751-736-19892 | Sequence 19892, A |
| 398 | 10 | 33.3 | 21 | 18 | US-10-751-736-39997 | Sequence 39997, A |
| 399 | 10 | 33.3 | 21 | 18 | US-10-751-736-39998 | Sequence 39998, A |
| 400 | 10 | 33.3 | 21 | 18 | US-10-751-736-40000 | Sequence 40000, A |
| 401 | 10 | 33.3 | 21 | 18 | US-10-751-736-40001 | Sequence 40001, A |
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| 403 | 10 | 33.3 | 21 | 18 | US-10-751-736-48220 | Sequence 48220, A |
| 404 | 10 | 33.3 | 21 | 18 | US-10-751-736-48221 | Sequence 48221, A |
| 405 | 10 | 33.3 | 21 | 18 | US-10-751-736-48223 | Sequence 48223, A |
| 406 | 10 | 33.3 | 21 | 18 | US-10-751-736-48277 | Sequence 48277, A |
| 407 | 10 | 33.3 | 21 | 18 | US-10-751-736-48278 | Sequence 48278, A |
| 408 | 10 | 33.3 | 21 | 18 | US-10-751-736-48280 | Sequence 48280, A |
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| c 413 | 10 | 33.3 | 22 | 10 | US-09-990-613-10 | Sequence 10, Appl |
| c 414 | 10 | 33.3 | 22 | 14 | US-10-077-023-29 | Sequence 29, Appl |
| c 415 | 10 | 33.3 | 22 | 15 | US-10-254-676-13 | Sequence 13, Appl |
| c 416 | 10 | 33.3 | 22 | 16 | US-10-114-270-311 | Sequence 311, App |
| 417 | 10 | 33.3 | 22 | 16 | US-10-409-107A-50 | Sequence 50, Appl |
| 418 | 10 | 33.3 | 22 | 18 | US-10-472-587-16 | Sequence 16, Appl |
| 419 | 10 | 33.3 | 22 | 18 | US-10-477-166-5 | Sequence 5, Appli |
| 420 | 10 | 33.3 | 22 | 18 | US-10-270-871-12 | Sequence 12, Appl |
| 421 | 10 | 33.3 | 23 | 15 | US-10-174-293-27 | Sequence 27, Appl |
| 422 | 10 | 33.3 | 23 | 15 | US-10-032-585-4368 | Sequence 4368, Ap |
| c 423 | 10 | 33.3 | 23 | 15 | US-10-336-840-26 | Sequence 26, Appl |
| 424 | 10 | 33.3 | 23 | 16 | US-10-409-107A-98 | Sequence 98, Appl |
| 425 | 10 | 33.3 | 23 | 16 | US-10-280-183A-96 | Sequence 96, Appl |
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| 428 | 10 | 33.3 | 24 | 13 | US-10-027-632-58966 | Sequence 58966, A |
| 429 | 10 | 33.3 | 24 | 15 | US-10-166-841-9 | Sequence 9, Appli |
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| 434 | 10 | 33.3 | 24 | 15 | US-10-027-632-58966 | Sequence 58966, A |
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| 437 | 10 | 33.3 | 24 | 17 | US-10-321-807-125 | Sequence 125, App |
| 438 | 10 | 33.3 | 24 | 17 | US-10-314-048A-77 | Sequence 77, Appl |
| 439 | 10 | 33.3 | 24 | 17 | US-10-314-048A-125 | Sequence 125, App |
| c 440 | 10 | 33.3 | 24 | 18 | US-10-473-683-26 | Sequence 26, Appl |
| 441 | 10 | 33.3 | 24 | 18 | US-10-897-815-77 | Sequence 77, Appl |
| 442 | 10 | 33.3 | 24 | 18 | US-10-897-815-125 | Sequence 125, App |
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| c 444 | 10 | 33.3 | 25 | 9 | US-09-989-722-395 | Sequence 395, App |
| c 445 | 10 | 33.3 | 25 | 9 | US-09-989-723-395 | Sequence 395, App |
| c 446 | 10 | 33.3 | 25 | 9 | US-09-989-279-395 | Sequence 395, App |
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| c 451 | 10 | 33.3 | 25 | 9 | US-09-990-442-395 | Sequence 395, App |
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| c 473 | 10 | 33.3 | 25 | 10 | US-09-990-438-395 | Sequence 395, App |
| c 474 | 10 | 33.3 | 25 | 10 | US-09-990-562-395 | Sequence 395, App |
| c 475 | 10 | 33.3 | 25 | 10 | US-09-990-711-395 | Sequence 395, App |
| c 476 | 10 | 33.3 | 25 | 10 | US-09-989-726-395 | Sequence 395, App |
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| c 480 | 10 | 33.3 | 25 | 10 | US-09-997-514-395 | Sequence 395, App |
| c 481 | 10 | 33.3 | 25 | 10 | US-09-997-573-395 | Sequence 395, App |
| c 482 | 10 | 33.3 | 25 | 10 | US-09-991-172-395 | Sequence 395, App |
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| c 486 | 10 | 33.3 | 25 | 10 | US-09-990-443-395 | Sequence 395, App |
| c 487 | 10 | 33.3 | 25 | 10 | US-09-991-854-395 | Sequence 395, App |
| c 488 | 10 | 33.3 | 25 | 10 | US-09-997-628-395 | Sequence 395, App |
| c 489 | 10 | 33.3 | 25 | 10 | US-09-997-683-395 | Sequence 395, App |
| c 490 | 10 | 33.3 | 25 | 10 | US-09-989-729A-395 | Sequence 395, App |
| c 491 | 10 | 33.3 | 25 | 10 | US-09-997-349-395 | Sequence 395, App |
| c 492 | 10 | 33.3 | 25 | 10 | US-09-997-440-395 | Sequence 395, App |
| c 493 | 10 | 33.3 | 25 | 10 | US-09-990-440-395 | Sequence 395, App |
| c 494 | 10 | 33.3 | 25 | 10 | US-09-997-857-395 | Sequence 395, App |
| c 495 | 10 | 33.3 | 25 | 10 | US-09-993-469-395 | Sequence 395, App |
| c 496 | 10 | 33.3 | 25 | 10 | US-09-997-542-395 | Sequence 395, App |
| c 497 | 10 | 33.3 | 25 | 10 | US-09-993-748-395 | Sequence 395, App |
| c 498 | 10 | 33.3 | 25 | 10 | US-09-990-439-395 | Sequence 395, App |
| c 499 | 10 | 33.3 | 25 | 10 | US-09-990-427-395 | Sequence 395, App |
| c 500 | 10 | 33.3 | 25 | 10 | US-09-989-328-395 | Sequence 395, App |
| c 501 | 10 | 33.3 | 25 | 10 | US-09-993-583-395 | Sequence 395, App |
| c 502 | 10 | 33.3 | 25 | 10 | US-09-941-992-395 | Sequence 395, App |
| c 503 | 10 | 33.3 | 25 | 10 | US-09-992-521-395 | Sequence 395, App |
| c 504 | 10 | 33.3 | 25 | 10 | US-09-997-333-395 | Sequence 395, App |
| c 505 | 10 | 33.3 | 25 | 10 | US-09-997-384-395 | Sequence 395, App |
| c 506 | 10 | 33.3 | 25 | 10 | US-09-998-041-395 | Sequence 395, App |
| c 507 | 10 | 33.3 | 25 | 10 | US-09-997-585-395 | Sequence 395, App |
| c 508 | 10 | 33.3 | 25 | 10 | US-09-997-614-395 | Sequence 395, App |
| c 509 | 10 | 33.3 | 25 | 10 | US-09-989-862-395 | Sequence 395, App |
| c 510 | 10 | 33.3 | 25 | 10 | US-09-997-529-395 | Sequence 395, App |

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| c 511 | 10 | 33.3 | 25 | 10 | US-09-989-725-395 | Sequence 395, App |
| c 512 | 10 | 33.3 | 25 | 10 | US-09-991-150-395 | Sequence 395, App |
| c 513 | 10 | 33.3 | 25 | 10 | US-09-997-641-395 | Sequence 395, App |
| c 514 | 10 | 33.3 | 25 | 10 | US-09-989-733-395 | Sequence 395, App |
| c 515 | 10 | 33.3 | 25 | 10 | US-09-992-643-395 | Sequence 395, App |
| c 516 | 10 | 33.3 | 25 | 14 | US-10-076-597-2 | Sequence 2, Appli |
| c 517 | 10 | 33.3 | 25 | 14 | US-10-215-112-2814 | Sequence 2814, Ap |
| c 518 | 10 | 33.3 | 25 | 14 | US-10-215-112-3954 | Sequence 3954, Ap |
| 519 | 10 | 33.3 | 25 | 14 | US-10-215-112-6407 | Sequence 6407, Ap |
| c 520 | 10 | 33.3 | 25 | 14 | US-10-215-112-8283 | Sequence 8283, Ap |
| 521 | 10 | 33.3 | 25 | 14 | US-10-215-112-13369 | Sequence 13369, A |
| c 522 | 10 | 33.3 | 25 | 15 | US-10-098-263B-449 | Sequence 449, App |
| 523 | 10 | 33.3 | 25 | 15 | US-10-098-263B-10445 | Sequence 10445, A |
| 524 | 10 | 33.3 | 25 | 15 | US-10-098-263B-11073 | Sequence 11073, A |
| 525 | 10 | 33.3 | 25 | 15 | US-10-098-263B-13464 | Sequence 13464, A |
| 526 | 10 | 33.3 | 25 | 15 | US-10-098-263B-19962 | Sequence 19962, A |
| 527 | 10 | 33.3 | 25 | 15 | US-10-098-263B-23238 | Sequence 23238, A |
| 528 | 10 | 33.3 | 25 | 15 | US-10-098-263B-30965 | Sequence 30965, A |
| 529 | 10 | 33.3 | 25 | 15 | US-10-098-263B-31743 | Sequence 31743, A |
| 530 | 10 | 33.3 | 25 | 15 | US-10-098-263B-32473 | Sequence 32473, A |
| c 531 | 10 | 33.3 | 25 | 15 | US-10-098-263B-37087 | Sequence 37087, A |
| c 532 | 10 | 33.3 | 25 | 15 | US-10-098-263B-37088 | Sequence 37088, A |
| 533 | 10 | 33.3 | 25 | 15 | US-10-098-263B-42764 | Sequence 42764, A |
| 534 | 10 | 33.3 | 25 | 15 | US-10-098-263B-44338 | Sequence 44338, A |
| 535 | 10 | 33.3 | 25 | 15 | US-10-098-263B-45717 | Sequence 45717, A |
| 536 | 10 | 33.3 | 25 | 15 | US-10-098-263B-45718 | Sequence 45718, A |
| c 537 | 10 | 33.3 | 25 | 15 | US-10-098-263B-46852 | Sequence 46852, A |
| 538 | 10 | 33.3 | 25 | 15 | US-10-098-263B-50614 | Sequence 50614, A |
| 539 | 10 | 33.3 | 25 | 15 | US-10-098-263B-52408 | Sequence 52408, A |
| 540 | 10 | 33.3 | 25 | 15 | US-10-098-263B-55553 | Sequence 55553, A |
| c 541 | 10 | 33.3 | 25 | 15 | US-10-098-263B-57421 | Sequence 57421, A |
| c 542 | 10 | 33.3 | 25 | 15 | US-10-098-263B-57422 | Sequence 57422, A |
| c 543 | 10 | 33.3 | 25 | 15 | US-10-098-263B-58466 | Sequence 58466, A |
| c 544 | 10 | 33.3 | 25 | 15 | US-10-098-263B-59023 | Sequence 59023, A |
| c 545 | 10 | 33.3 | 25 | 15 | US-10-098-263B-59024 | Sequence 59024, A |
| c 546 | 10 | 33.3 | 25 | 15 | US-10-098-263B-60713 | Sequence 60713, A |
| c 547 | 10 | 33.3 | 25 | 15 | US-10-098-263B-60714 | Sequence 60714, A |
| 548 | 10 | 33.3 | 25 | 15 | US-10-098-263B-64671 | Sequence 64671, A |
| 549 | 10 | 33.3 | 25 | 15 | US-10-098-263B-64672 | Sequence 64672, A |
| 550 | 10 | 33.3 | 25 | 15 | US-10-098-263B-65289 | Sequence 65289, A |
| 551 | 10 | 33.3 | 25 | 15 | US-10-098-263B-65290 | Sequence 65290, A |
| 552 | 10 | 33.3 | 25 | 15 | US-10-098-263B-69515 | Sequence 69515, A |
| 553 | 10 | 33.3 | 25 | 15 | US-10-098-263B-69516 | Sequence 69516, A |
| c 554 | 10 | 33.3 | 25 | 15 | US-10-098-263B-70596 | Sequence 70596, A |
| 555 | 10 | 33.3 | 25 | 15 | US-10-098-263B-79628 | Sequence 79628, A |
| c 556 | 10 | 33.3 | 25 | 15 | US-10-098-263B-80309 | Sequence 80309, A |
| 557 | 10 | 33.3 | 25 | 15 | US-10-098-263B-80714 | Sequence 80714, A |
| 558 | 10 | 33.3 | 25 | 15 | US-10-098-263B-81386 | Sequence 81386, A |
| 559 | 10 | 33.3 | 25 | 15 | US-10-098-263B-82577 | Sequence 82577, A |
| 560 | 10 | 33.3 | 25 | 15 | US-10-098-263B-88520 | Sequence 88520, A |
| 561 | 10 | 33.3 | 25 | 15 | US-10-098-263B-89641 | Sequence 89641, A |
| c 562 | 10 | 33.3 | 25 | 15 | US-10-098-263B-97047 | Sequence 97047, A |
| 563 | 10 | 33.3 | 25 | 15 | US-10-098-263B-98907 | Sequence 98907, A |
| 564 | 10 | 33.3 | 25 | 15 | US-10-098-263B-99289 | Sequence 99289, A |
| 565 | 10 | 33.3 | 25 | 15 | US-10-098-263B-99915 | Sequence 99915, A |
| c 566 | 10 | 33.3 | 25 | 15 | US-10-098-263B-105731 | Sequence 105731, |
| c 567 | 10 | 33.3 | 25 | 15 | US-10-098-263B-107515 | Sequence 107515, |

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| c 568 | 10 | 33.3 | 25 | 15 | US-10-098-263B-108016 | Sequence 108016, |
| c 569 | 10 | 33.3 | 25 | 15 | US-10-098-263B-109393 | Sequence 109393, |
| 570 | 10 | 33.3 | 25 | 15 | US-10-098-263B-110472 | Sequence 110472, |
| c 571 | 10 | 33.3 | 25 | 15 | US-10-098-263B-113009 | Sequence 113009, |
| c 572 | 10 | 33.3 | 25 | 15 | US-10-098-263B-113882 | Sequence 113882, |
| c 573 | 10 | 33.3 | 25 | 15 | US-10-098-263B-116201 | Sequence 116201, |
| c 574 | 10 | 33.3 | 25 | 15 | US-10-098-263B-116202 | Sequence 116202, |
| 575 | 10 | 33.3 | 25 | 15 | US-10-098-263B-121485 | Sequence 121485, |
| 576 | 10 | 33.3 | 25 | 15 | US-10-098-263B-123251 | Sequence 123251, |
| 577 | 10 | 33.3 | 25 | 15 | US-10-098-263B-123252 | Sequence 123252, |
| c 578 | 10 | 33.3 | 25 | 15 | US-10-098-263B-126798 | Sequence 126798, |
| c 579 | 10 | 33.3 | 25 | 15 | US-10-098-263B-128392 | Sequence 128392, |
| 580 | 10 | 33.3 | 25 | 15 | US-10-098-263B-128711 | Sequence 128711, |
| c 581 | 10 | 33.3 | 25 | 15 | US-10-114-153-243 | Sequence 243, App |
| c 582 | 10 | 33.3 | 25 | 15 | US-10-114-153-246 | Sequence 246, App |
| c 583 | 10 | 33.3 | 25 | 15 | US-10-114-153-249 | Sequence 249, App |
| 584 | 10 | 33.3 | 25 | 15 | US-10-099-322-265 | Sequence 265, App |
| c 585 | 10 | 33.3 | 25 | 15 | US-10-219-538-395 | Sequence 395, App |
| 586 | 10 | 33.3 | 25 | 16 | US-10-044-564-265 | Sequence 265, App |
| c 587 | 10 | 33.3 | 25 | 16 | US-10-262-839-231 | Sequence 231, App |
| c 588 | 10 | 33.3 | 25 | 16 | US-10-262-839-234 | Sequence 234, App |
| c 589 | 10 | 33.3 | 25 | 16 | US-10-262-839-237 | Sequence 237, App |
| c 590 | 10 | 33.3 | 25 | 16 | US-10-210-172-206 | Sequence 206, App |
| c 591 | 10 | 33.3 | 25 | 16 | US-10-210-172-209 | Sequence 209, App |
| c 592 | 10 | 33.3 | 25 | 16 | US-10-210-172-212 | Sequence 212, App |
| 593 | 10 | 33.3 | 25 | 17 | US-10-717-597-816 | Sequence 816, App |
| 594 | 10 | 33.3 | 25 | 17 | US-10-717-597-817 | Sequence 817, App |
| 595 | 10 | 33.3 | 25 | 17 | US-10-717-597-818 | Sequence 818, App |
| 596 | 10 | 33.3 | 25 | 17 | US-10-717-597-819 | Sequence 819, App |
| 597 | 10 | 33.3 | 25 | 17 | US-10-717-597-820 | Sequence 820, App |
| c 598 | 10 | 33.3 | 25 | 17 | US-10-717-597-3000 | Sequence 3000, Ap |
| 599 | 10 | 33.3 | 25 | 17 | US-10-775-169-616 | Sequence 616, App |
| 600 | 10 | 33.3 | 25 | 17 | US-10-775-169-667 | Sequence 667, App |
| 601 | 10 | 33.3 | 25 | 17 | US-10-775-169-668 | Sequence 668, App |
| 602 | 10 | 33.3 | 25 | 17 | US-10-775-169-4350 | Sequence 4350, Ap |
| c 603 | 10 | 33.3 | 25 | 17 | US-10-775-169-5262 | Sequence 5262, Ap |
| c 604 | 10 | 33.3 | 26 | 9 | US-09-737-149-18 | Sequence 18, Appl |
| 605 | 10 | 33.3 | 26 | 10 | US-09-876-252-71 | Sequence 71, Appl |
| c 606 | 10 | 33.3 | 26 | 10 | US-09-864-636A-2147 | Sequence 2147, Ap |
| c 607 | 10 | 33.3 | 26 | 11 | US-09-864-426A-2147 | Sequence 2147, Ap |
| c 608 | 10 | 33.3 | 26 | 15 | US-10-084-839-2147 | Sequence 2147, Ap |
| 609 | 10 | 33.3 | 26 | 15 | US-10-417-820A-71 | Sequence 71, Appl |
| c 610 | 10 | 33.3 | 26 | 15 | US-10-024-212-178 | Sequence 178, App |
| c 611 | 10 | 33.3 | 26 | 15 | US-10-024-212-181 | Sequence 181, App |
| c 612 | 10 | 33.3 | 26 | 15 | US-10-024-212-184 | Sequence 184, App |
| 613 | 10 | 33.3 | 26 | 16 | US-10-087-684-182 | Sequence 182, App |
| 614 | 10 | 33.3 | 26 | 16 | US-10-218-779-182 | Sequence 182, App |
| 615 | 10 | 33.3 | 26 | 16 | US-10-029-020-117 | Sequence 117, App |
| c 616 | 10 | 33.3 | 26 | 16 | US-10-701-283-18 | Sequence 18, Appl |
| 617 | 10 | 33.3 | 26 | 17 | US-10-723-955-71 | Sequence 71, Appl |
| c 618 | 10 | 33.3 | 27 | 9 | US-09-949-713-7 | Sequence 7, Appli |
| c 619 | 10 | 33.3 | 27 | 9 | US-09-781-804-34 | Sequence 34, Appl |
| c 620 | 10 | 33.3 | 27 | 9 | US-09-781-804-35 | Sequence 35, Appl |
| 621 | 10 | 33.3 | 27 | 10 | US-09-894-799-27 | Sequence 27, Appl |
| c 622 | 10 | 33.3 | 27 | 14 | US-10-246-581-17 | Sequence 17, Appl |
| 623 | 10 | 33.3 | 27 | 15 | US-10-320-230-3 | Sequence 3, Appli |
| 624 | 10 | 33.3 | 27 | 15 | US-10-373-355-4 | Sequence 4, Appli |

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| 625 | 10 | 33.3 | 27 | 15 | US-10-214-419-129 | Sequence 129, App |
| 626 | 10 | 33.3 | 27 | 15 | US-10-374-539-15 | Sequence 15, Appl |
| c 627 | 10 | 33.3 | 27 | 15 | US-10-341-967-53 | Sequence 53, Appl |
| c 628 | 10 | 33.3 | 27 | 15 | US-10-341-967-54 | Sequence 54, Appl |
| 629 | 10 | 33.3 | 27 | 15 | US-10-348-110-3 | Sequence 3, Appli |
| c 630 | 10 | 33.3 | 27 | 16 | US-10-296-718-12 | Sequence 12, Appl |
| c 631 | 10 | 33.3 | 27 | 16 | US-10-272-461-90 | Sequence 90, Appl |
| 632 | 10 | 33.3 | 27 | 16 | US-10-648-984-27 | Sequence 27, Appl |
| c 633 | 10 | 33.3 | 27 | 16 | US-10-716-062-34 | Sequence 34, Appl |
| c 634 | 10 | 33.3 | 27 | 16 | US-10-716-062-35 | Sequence 35, Appl |
| 635 | 10 | 33.3 | 27 | 17 | US-10-439-262-13 | Sequence 13, Appl |
| 636 | 10 | 33.3 | 27 | 18 | US-10-663-875-15 | Sequence 15, Appl |
| c 637 | 10 | 33.3 | 28 | 17 | US-10-697-036-47 | Sequence 47, Appl |
| c 638 | 10 | 33.3 | 28 | 18 | US-10-758-307-190 | Sequence 190, App |
| c 639 | 10 | 33.3 | 28 | 18 | US-10-820-060-45 | Sequence 45, Appl |
| 640 | 10 | 33.3 | 29 | 9 | US-09-769-864-26 | Sequence 26, Appl |
| c 641 | 10 | 33.3 | 29 | 9 | US-09-863-040-66 | Sequence 66, Appl |
| 642 | 10 | 33.3 | 29 | 10 | US-09-915-815-14 | Sequence 14, Appl |
| 643 | 10 | 33.3 | 29 | 13 | US-10-114-893-249 | Sequence 249, App |
| c 644 | 10 | 33.3 | 29 | 14 | US-10-270-555-13 | Sequence 13, Appl |
| c 645 | 10 | 33.3 | 29 | 15 | US-10-336-638-72 | Sequence 72, Appl |
| 646 | 10 | 33.3 | 29 | 15 | US-10-336-638-806 | Sequence 806, App |
| c 647 | 10 | 33.3 | 29 | 15 | US-10-454-210-66 | Sequence 66, Appl |
| 648 | 10 | 33.3 | 29 | 16 | US-10-665-667-26 | Sequence 26, Appl |
| 649 | 10 | 33.3 | 30 | 9 | US-09-759-352-48 | Sequence 48, Appl |
| c 650 | 10 | 33.3 | 30 | 9 | US-09-252-150-58 | Sequence 58, Appl |
| 651 | 10 | 33.3 | 30 | 9 | US-09-995-225-38 | Sequence 38, Appl |
| c 652 | 10 | 33.3 | 30 | 10 | US-09-977-418-78 | Sequence 78, Appl |
| c 653 | 10 | 33.3 | 30 | 10 | US-09-977-033A-78 | Sequence 78, Appl |
| c 654 | 10 | 33.3 | 30 | 10 | US-09-977-751C-78 | Sequence 78, Appl |
| 655 | 10 | 33.3 | 30 | 10 | US-09-995-225-38 | Sequence 38, Appl |
| c 656 | 10 | 33.3 | 30 | 10 | US-09-977-639A-78 | Sequence 78, Appl |
| c 657 | 10 | 33.3 | 30 | 11 | US-09-977-819B-78 | Sequence 78, Appl |
| 658 | 10 | 33.3 | 30 | 14 | US-10-085-906-52 | Sequence 52, Appl |
| c 659 | 10 | 33.3 | 30 | 16 | US-10-272-461-73 | Sequence 73, Appl |
| c 660 | 10 | 33.3 | 30 | 16 | US-10-375-293A-3 | Sequence 3, Appli |
| 661 | 10 | 33.3 | 30 | 16 | US-10-375-293A-4 | Sequence 4, Appli |
| c 662 | 10 | 33.3 | 30 | 16 | US-10-399-673-18 | Sequence 18, Appl |
| 663 | 10 | 33.3 | 30 | 18 | US-10-477-238A-790 | Sequence 790, App |
| 664 | 10 | 33.3 | 30 | 18 | US-10-680-287A-790 | Sequence 790, App |
| c 665 | 10 | 33.3 | 30 | 18 | US-10-646-381-58 | Sequence 58, Appl |
| 666 | 10 | 33.3 | 31 | 8 | US-08-911-824-11 | Sequence 11, Appl |
| 667 | 10 | 33.3 | 31 | 14 | US-10-123-170-11 | Sequence 11, Appl |
| 668 | 10 | 33.3 | 31 | 15 | US-10-156-306-3022 | Sequence 3022, Ap |
| 669 | 10 | 33.3 | 32 | 10 | US-09-887-194A-20 | Sequence 20, Appl |
| 670 | 10 | 33.3 | 32 | 10 | US-09-999-536-2 | Sequence 2, Appli |
| c 671 | 10 | 33.3 | 32 | 15 | US-10-337-992-6 | Sequence 6, Appli |
| 672 | 10 | 33.3 | 33 | 10 | US-09-894-799-3 | Sequence 3, Appli |
| c 673 | 10 | 33.3 | 33 | 11 | US-09-835-694-3 | Sequence 3, Appli |
| c 674 | 10 | 33.3 | 33 | 11 | US-09-835-694-39 | Sequence 39, Appl |
| 675 | 10 | 33.3 | 33 | 15 | US-10-109-791A-93 | Sequence 93, Appl |
| c 676 | 10 | 33.3 | 33 | 15 | US-10-109-791A-94 | Sequence 94, Appl |
| 677 | 10 | 33.3 | 33 | 15 | US-10-109-791A-95 | Sequence 95, Appl |
| c 678 | 10 | 33.3 | 33 | 15 | US-10-109-791A-96 | Sequence 96, Appl |
| 679 | 10 | 33.3 | 33 | 16 | US-10-648-984-3 | Sequence 3, Appli |
| c 680 | 10 | 33.3 | 33 | 17 | US-10-678-816-31 | Sequence 31, Appl |
| 681 | 10 | 33.3 | 34 | 8 | US-08-911-824-25 | Sequence 25, Appl |

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| 682 | 10 | 33.3 | 34 | 15 | US-10-193-002-38 | Sequence 38, Appl |
| 683 | 10 | 33.3 | 34 | 15 | US-10-084-843-38 | Sequence 38, Appl |
| c 684 | 10 | 33.3 | 35 | 9 | US-09-732-561-7 | Sequence 7, Appli |
| c 685 | 10 | 33.3 | 35 | 14 | US-10-137-351-6 | Sequence 6, Appli |
| c 686 | 10 | 33.3 | 35 | 15 | US-10-099-322-287 | Sequence 287, App |
| c 687 | 10 | 33.3 | 35 | 16 | US-10-044-564-287 | Sequence 287, App |
| 688 | 10 | 33.3 | 35 | 17 | US-10-746-167-69 | Sequence 69, Appl |
| 689 | 10 | 33.3 | 36 | 9 | US-09-504-231A-2475 | Sequence 2475, Ap |
| 690 | 10 | 33.3 | 36 | 9 | US-09-274-553D-2475 | Sequence 2475, Ap |
| c 691 | 10 | 33.3 | 36 | 9 | US-09-858-217-4 | Sequence 4, Appli |
| 692 | 10 | 33.3 | 36 | 16 | US-10-260-238-6065 | Sequence 6065, Ap |
| 693 | 10 | 33.3 | 37 | 16 | US-10-138-674-20221 | Sequence 20221, A |
| 694 | 10 | 33.3 | 37 | 17 | US-10-287-949A-20221 | Sequence 20221, A |
| 695 | 10 | 33.3 | 38 | 10 | US-09-780-533A-3632 | Sequence 3632, Ap |
| c 696 | 10 | 33.3 | 38 | 10 | US-09-780-533A-3755 | Sequence 3755, Ap |
| 697 | 10 | 33.3 | 38 | 10 | US-09-989-025A-13 | Sequence 13, Appl |
| 698 | 10 | 33.3 | 38 | 10 | US-09-848-754A-5349 | Sequence 5349, Ap |
| 699 | 10 | 33.3 | 38 | 10 | US-09-930-423-1888 | Sequence 1888, Ap |
| 700 | 10 | 33.3 | 38 | 10 | US-09-745-237A-1888 | Sequence 1888, Ap |
| 701 | 10 | 33.3 | 38 | 15 | US-10-156-306-4700 | Sequence 4700, Ap |
| 702 | 10 | 33.3 | 38 | 16 | US-10-138-674-10097 | Sequence 10097, A |
| 703 | 10 | 33.3 | 38 | 16 | US-10-138-674-12970 | Sequence 12970, A |
| 704 | 10 | 33.3 | 38 | 16 | US-10-138-674-14735 | Sequence 14735, A |
| c 705 | 10 | 33.3 | 38 | 16 | US-10-138-674-16002 | Sequence 16002, A |
| 706 | 10 | 33.3 | 38 | 17 | US-10-287-949A-10097 | Sequence 10097, A |
| 707 | 10 | 33.3 | 38 | 17 | US-10-287-949A-12970 | Sequence 12970, A |
| 708 | 10 | 33.3 | 38 | 17 | US-10-287-949A-14735 | Sequence 14735, A |
| c 709 | 10 | 33.3 | 38 | 17 | US-10-287-949A-16002 | Sequence 16002, A |
| 710 | 10 | 33.3 | 38 | 17 | US-10-712-672-3834 | Sequence 3834, Ap |
| 711 | 10 | 33.3 | 39 | 9 | US-09-781-804-14 | Sequence 14, Appl |
| 712 | 10 | 33.3 | 39 | 10 | US-09-852-370-45 | Sequence 45, Appl |
| c 713 | 10 | 33.3 | 39 | 14 | US-10-246-581-21 | Sequence 21, Appl |
| c 714 | 10 | 33.3 | 39 | 14 | US-10-246-581-23 | Sequence 23, Appl |
| 715 | 10 | 33.3 | 39 | 15 | US-10-087-286-37 | Sequence 37, Appl |
| 716 | 10 | 33.3 | 39 | 15 | US-10-002-244-22 | Sequence 22, Appl |
| 717 | 10 | 33.3 | 39 | 15 | US-10-002-244-51 | Sequence 51, Appl |
| 718 | 10 | 33.3 | 39 | 15 | US-10-002-244-54 | Sequence 54, Appl |
| 719 | 10 | 33.3 | 39 | 15 | US-10-341-967-20 | Sequence 20, Appl |
| c 720 | 10 | 33.3 | 39 | 16 | US-10-453-827-962 | Sequence 962, App |
| c 721 | 10 | 33.3 | 39 | 16 | US-10-453-827-1109 | Sequence 1109, Ap |
| 722 | 10 | 33.3 | 39 | 16 | US-10-716-062-14 | Sequence 14, Appl |
| 723 | 10 | 33.3 | 40 | 15 | US-10-109-349A-72 | Sequence 72, Appl |
| 724 | 10 | 33.3 | 40 | 18 | US-10-469-851-96 | Sequence 96, Appl |
| 725 | 10 | 33.3 | 40 | 18 | US-10-469-851-168 | Sequence 168, App |
| c 726 | 10 | 33.3 | 40 | 18 | US-10-469-851-171 | Sequence 171, App |
| 727 | 10 | 33.3 | 41 | 16 | US-10-276-723-8 | Sequence 8, Appli |
| c 728 | 10 | 33.3 | 41 | 16 | US-10-035-833A-2065 | Sequence 2065, Ap |
| c 729 | 10 | 33.3 | 41 | 16 | US-10-035-833A-7322 | Sequence 7322, Ap |
| 730 | 10 | 33.3 | 42 | 15 | US-10-381-779-155 | Sequence 155, App |
| 731 | 10 | 33.3 | 43 | 15 | US-10-032-585-1833 | Sequence 1833, Ap |
| 732 | 10 | 33.3 | 45 | 10 | US-09-849-199A-2 | Sequence 2, Appli |
| c 733 | 10 | 33.3 | 45 | 10 | US-09-849-199A-3 | Sequence 3, Appli |
| 734 | 10 | 33.3 | 45 | 10 | US-09-769-863-2 | Sequence 2, Appli |
| c 735 | 10 | 33.3 | 45 | 10 | US-09-769-863-3 | Sequence 3, Appli |
| 736 | 10 | 33.3 | 45 | 15 | US-10-120-637A-2 | Sequence 2, Appli |
| c 737 | 10 | 33.3 | 45 | 15 | US-10-120-637A-3 | Sequence 3, Appli |
| 738 | 10 | 33.3 | 45 | 15 | US-10-054-534B-2 | Sequence 2, Appli |

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| c 739 | 10 | 33.3 | 45 | 15 | US-10-054-534B-3 | Sequence 3, Appli |
| 740 | 10 | 33.3 | 45 | 15 | US-10-431-952-2 | Sequence 2, Appli |
| c 741 | 10 | 33.3 | 45 | 15 | US-10-431-952-3 | Sequence 3, Appli |
| 742 | 10 | 33.3 | 45 | 18 | US-10-913-226-2 | Sequence 2, Appli |
| c 743 | 10 | 33.3 | 45 | 18 | US-10-913-226-3 | Sequence 3, Appli |
| 744 | 10 | 33.3 | 45 | 18 | US-10-913-271-2 | Sequence 2, Appli |
| c 745 | 10 | 33.3 | 45 | 18 | US-10-913-271-3 | Sequence 3, Appli |
| 746 | 10 | 33.3 | 45 | 18 | US-10-913-779-2 | Sequence 2, Appli |
| c 747 | 10 | 33.3 | 45 | 18 | US-10-913-779-3 | Sequence 3, Appli |
| 748 | 10 | 33.3 | 46 | 8 | US-08-911-824-115 | Sequence 115, App |
| 749 | 10 | 33.3 | 46 | 16 | US-10-220-418-20 | Sequence 20, Appl |
| 750 | 10 | 33.3 | 47 | 8 | US-08-911-824-109 | Sequence 109, App |
| c 751 | 10 | 33.3 | 47 | 15 | US-10-170-097-1021 | Sequence 1021, Ap |
| c 752 | 10 | 33.3 | 47 | 16 | US-10-349-143-438 | Sequence 438, App |
| 753 | 10 | 33.3 | 47 | 16 | US-10-349-143-544 | Sequence 544, App |
| 754 | 10 | 33.3 | 47 | 16 | US-10-349-143-1414 | Sequence 1414, Ap |
| 755 | 10 | 33.3 | 47 | 16 | US-10-349-143-2358 | Sequence 2358, Ap |
| c 756 | 10 | 33.3 | 47 | 16 | US-10-349-143-3304 | Sequence 3304, Ap |
| 757 | 10 | 33.3 | 48 | 9 | US-09-798-058-20 | Sequence 20, Appl |
| 758 | 10 | 33.3 | 48 | 9 | US-09-864-785-3131 | Sequence 3131, Ap |
| 759 | 10 | 33.3 | 48 | 11 | US-09-842-776A-5 | Sequence 5, Appli |
| 760 | 10 | 33.3 | 50 | 8 | US-08-781-986A-2846 | Sequence 2846, Ap |
| c 761 | 10 | 33.3 | 50 | 15 | US-10-229-058B-1 | Sequence 1, Appli |
| 762 | 10 | 33.3 | 50 | 16 | US-10-131-827-476 | Sequence 476, App |
| c 763 | 10 | 33.3 | 50 | 16 | US-10-131-827-676 | Sequence 676, App |
| c 764 | 10 | 33.3 | 50 | 16 | US-10-131-827-1654 | Sequence 1654, Ap |
| 765 | 10 | 33.3 | 50 | 16 | US-10-131-827-1879 | Sequence 1879, Ap |
| c 766 | 10 | 33.3 | 50 | 16 | US-10-131-827-2681 | Sequence 2681, Ap |
| 767 | 10 | 33.3 | 50 | 16 | US-10-131-827-2977 | Sequence 2977, Ap |
| 768 | 10 | 33.3 | 50 | 16 | US-10-131-827-3189 | Sequence 3189, Ap |
| c 769 | 10 | 33.3 | 50 | 16 | US-10-131-827-7248 | Sequence 7248, Ap |
| c 770 | 10 | 33.3 | 50 | 16 | US-10-131-827-7301 | Sequence 7301, Ap |
| 771 | 10 | 33.3 | 50 | 16 | US-10-329-624-2846 | Sequence 2846, Ap |
| c 772 | 10 | 33.3 | 50 | 16 | US-10-375-293A-7 | Sequence 7, Appli |
| 773 | 10 | 33.3 | 50 | 16 | US-10-375-293A-8 | Sequence 8, Appli |
| 774 | 10 | 33.3 | 51 | 15 | US-10-027-736A-34 | Sequence 34, Appl |
| c 775 | 10 | 33.3 | 51 | 18 | US-10-813-638-703 | Sequence 703, App |
| c 776 | 10 | 33.3 | 51 | 18 | US-10-813-638-961 | Sequence 961, App |
| c 777 | 10 | 33.3 | 51 | 18 | US-10-865-478-135 | Sequence 135, App |
| 778 | 10 | 33.3 | 51 | 18 | US-10-865-478-586 | Sequence 586, App |
| 779 | 10 | 33.3 | 53 | 9 | US-09-912-436-13 | Sequence 13, Appl |
| c 780 | 10 | 33.3 | 54 | 10 | US-09-900-345A-158 | Sequence 158, App |
| c 781 | 10 | 33.3 | 54 | 10 | US-09-900-345A-163 | Sequence 163, App |
| c 782 | 10 | 33.3 | 54 | 15 | US-10-305-765-192 | Sequence 192, App |
| c 783 | 10 | 33.3 | 54 | 15 | US-10-305-765-197 | Sequence 197, App |
| c 784 | 10 | 33.3 | 54 | 15 | US-10-305-633-192 | Sequence 192, App |
| c 785 | 10 | 33.3 | 54 | 15 | US-10-305-633-197 | Sequence 197, App |
| c 786 | 10 | 33.3 | 55 | 13 | US-10-027-632-51890 | Sequence 51890, A |
| c 787 | 10 | 33.3 | 55 | 13 | US-10-027-632-51895 | Sequence 51895, A |
| c 788 | 10 | 33.3 | 55 | 15 | US-10-027-632-51890 | Sequence 51890, A |
| c 789 | 10 | 33.3 | 55 | 15 | US-10-027-632-51895 | Sequence 51895, A |
| 790 | 10 | 33.3 | 57 | 9 | US-09-983-965-224 | Sequence 224, App |
| c 791 | 10 | 33.3 | 57 | 16 | US-10-054-712-73 | Sequence 73, Appl |
| 792 | 10 | 33.3 | 59 | 14 | US-10-005-338B-19 | Sequence 19, Appl |
| 793 | 10 | 33.3 | 59 | 16 | US-10-035-833A-7329 | Sequence 7329, Ap |
| c 794 | 10 | 33.3 | 59 | 17 | US-10-695-243-9 | Sequence 9, Appli |
| c 795 | 10 | 33.3 | 60 | 10 | US-09-908-975-4968 | Sequence 4968, Ap |

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| 796 | 10 | 33.3 | 60 | 10 | US-09-908-975-5361 | Sequence 5361, Ap |
| c 797 | 10 | 33.3 | 60 | 10 | US-09-908-975-5700 | Sequence 5700, Ap |
| 798 | 10 | 33.3 | 60 | 10 | US-09-908-975-5910 | Sequence 5910, Ap |
| c 799 | 10 | 33.3 | 60 | 10 | US-09-908-975-6122 | Sequence 6122, Ap |
| c 800 | 10 | 33.3 | 60 | 10 | US-09-908-975-6183 | Sequence 6183, Ap |
| c 801 | 10 | 33.3 | 60 | 10 | US-09-908-975-6412 | Sequence 6412, Ap |
| 802 | 10 | 33.3 | 60 | 10 | US-09-908-975-6444 | Sequence 6444, Ap |
| 803 | 10 | 33.3 | 60 | 10 | US-09-908-975-6785 | Sequence 6785, Ap |
| 804 | 10 | 33.3 | 60 | 10 | US-09-908-975-7024 | Sequence 7024, Ap |
| 805 | 10 | 33.3 | 60 | 10 | US-09-908-975-7519 | Sequence 7519, Ap |
| 806 | 10 | 33.3 | 60 | 10 | US-09-908-975-8509 | Sequence 8509, Ap |
| c 807 | 10 | 33.3 | 60 | 10 | US-09-908-975-8761 | Sequence 8761, Ap |
| 808 | 10 | 33.3 | 60 | 10 | US-09-908-975-8874 | Sequence 8874, Ap |
| c 809 | 10 | 33.3 | 60 | 10 | US-09-908-975-9275 | Sequence 9275, Ap |
| 810 | 10 | 33.3 | 60 | 10 | US-09-908-975-9682 | Sequence 9682, Ap |
| 811 | 10 | 33.3 | 60 | 10 | US-09-908-975-9965 | Sequence 9965, Ap |
| c 812 | 10 | 33.3 | 60 | 10 | US-09-908-975-10250 | Sequence 10250, A |
| c 813 | 10 | 33.3 | 60 | 10 | US-09-908-975-10331 | Sequence 10331, A |
| 814 | 10 | 33.3 | 60 | 10 | US-09-908-975-10499 | Sequence 10499, A |
| c 815 | 10 | 33.3 | 60 | 10 | US-09-908-975-10978 | Sequence 10978, A |
| c 816 | 10 | 33.3 | 60 | 10 | US-09-908-975-11013 | Sequence 11013, A |
| 817 | 10 | 33.3 | 60 | 10 | US-09-908-975-11039 | Sequence 11039, A |
| 818 | 10 | 33.3 | 60 | 10 | US-09-908-975-11268 | Sequence 11268, A |
| c 819 | 10 | 33.3 | 60 | 10 | US-09-908-975-11296 | Sequence 11296, A |
| 820 | 10 | 33.3 | 60 | 10 | US-09-908-975-11513 | Sequence 11513, A |
| 821 | 10 | 33.3 | 60 | 10 | US-09-908-975-11741 | Sequence 11741, A |
| 822 | 10 | 33.3 | 60 | 10 | US-09-908-975-12280 | Sequence 12280, A |
| c 823 | 10 | 33.3 | 60 | 10 | US-09-908-975-13236 | Sequence 13236, A |
| c 824 | 10 | 33.3 | 60 | 10 | US-09-908-975-13477 | Sequence 13477, A |
| 825 | 10 | 33.3 | 60 | 10 | US-09-908-975-13703 | Sequence 13703, A |
| 826 | 10 | 33.3 | 60 | 10 | US-09-908-975-14006 | Sequence 14006, A |
| 827 | 10 | 33.3 | 60 | 10 | US-09-908-975-14014 | Sequence 14014, A |
| 828 | 10 | 33.3 | 60 | 10 | US-09-908-975-14161 | Sequence 14161, A |
| c 829 | 10 | 33.3 | 60 | 10 | US-09-908-975-14351 | Sequence 14351, A |
| 830 | 10 | 33.3 | 60 | 10 | US-09-908-975-14398 | Sequence 14398, A |
| 831 | 10 | 33.3 | 60 | 10 | US-09-908-975-14450 | Sequence 14450, A |
| c 832 | 10 | 33.3 | 60 | 10 | US-09-908-975-15123 | Sequence 15123, A |
| 833 | 10 | 33.3 | 60 | 10 | US-09-908-975-15354 | Sequence 15354, A |
| c 834 | 10 | 33.3 | 60 | 10 | US-09-908-975-15960 | Sequence 15960, A |
| 835 | 10 | 33.3 | 60 | 10 | US-09-908-975-17000 | Sequence 17000, A |
| 836 | 10 | 33.3 | 60 | 10 | US-09-908-975-17684 | Sequence 17684, A |
| 837 | 10 | 33.3 | 60 | 10 | US-09-908-975-17778 | Sequence 17778, A |
| 838 | 10 | 33.3 | 60 | 10 | US-09-908-975-18323 | Sequence 18323, A |
| c 839 | 10 | 33.3 | 60 | 10 | US-09-908-975-18325 | Sequence 18325, A |
| 840 | 10 | 33.3 | 60 | 10 | US-09-908-975-18368 | Sequence 18368, A |
| c 841 | 10 | 33.3 | 60 | 10 | US-09-908-975-19167 | Sequence 19167, A |
| 842 | 10 | 33.3 | 60 | 10 | US-09-908-975-19634 | Sequence 19634, A |
| 843 | 10 | 33.3 | 60 | 10 | US-09-908-975-20138 | Sequence 20138, A |
| 844 | 10 | 33.3 | 60 | 10 | US-09-908-975-20228 | Sequence 20228, A |
| 845 | 10 | 33.3 | 60 | 10 | US-09-908-975-20507 | Sequence 20507, A |
| c 846 | 10 | 33.3 | 60 | 10 | US-09-908-975-20767 | Sequence 20767, A |
| c 847 | 10 | 33.3 | 60 | 10 | US-09-908-975-21195 | Sequence 21195, A |
| c 848 | 10 | 33.3 | 60 | 10 | US-09-908-975-22315 | Sequence 22315, A |
| c 849 | 10 | 33.3 | 60 | 10 | US-09-908-975-22349 | Sequence 22349, A |
| 850 | 10 | 33.3 | 60 | 10 | US-09-908-975-22444 | Sequence 22444, A |
| 851 | 10 | 33.3 | 60 | 10 | US-09-908-975-22553 | Sequence 22553, A |
| 852 | 10 | 33.3 | 60 | 10 | US-09-908-975-22879 | Sequence 22879, A |

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| c 853 | 10 | 33.3 | 60 | 10 | US-09-908-975-23006 | Sequence 23006, A |
| 854 | 10 | 33.3 | 60 | 10 | US-09-908-975-23039 | Sequence 23039, A |
| c 855 | 10 | 33.3 | 60 | 10 | US-09-908-975-23368 | Sequence 23368, A |
| c 856 | 10 | 33.3 | 60 | 10 | US-09-908-975-31834 | Sequence 31834, A |
| c 857 | 10 | 33.3 | 60 | 10 | US-09-908-975-32073 | Sequence 32073, A |
| c 858 | 10 | 33.3 | 60 | 10 | US-09-908-975-32264 | Sequence 32264, A |
| c 859 | 10 | 33.3 | 62 | 15 | US-10-214-417A-7 | Sequence 7, Appli |
| 860 | 10 | 33.3 | 63 | 15 | US-10-312-495-32 | Sequence 32, Appl |
| 861 | 10 | 33.3 | 63 | 15 | US-10-231-537A-9 | Sequence 9, Appli |
| 862 | 10 | 33.3 | 64 | 8 | US-08-911-824-24 | Sequence 24, Appl |
| c 863 | 10 | 33.3 | 64 | 9 | US-09-983-965-1826 | Sequence 1826, Ap |
| 864 | 10 | 33.3 | 65 | 10 | US-09-908-975-149 | Sequence 149, App |
| c 865 | 10 | 33.3 | 65 | 10 | US-09-908-975-352 | Sequence 352, App |
| 866 | 10 | 33.3 | 65 | 10 | US-09-908-975-1034 | Sequence 1034, Ap |
| c 867 | 10 | 33.3 | 65 | 10 | US-09-908-975-1100 | Sequence 1100, Ap |
| 868 | 10 | 33.3 | 65 | 10 | US-09-908-975-1121 | Sequence 1121, Ap |
| c 869 | 10 | 33.3 | 65 | 10 | US-09-908-975-1686 | Sequence 1686, Ap |
| c 870 | 10 | 33.3 | 65 | 10 | US-09-908-975-2315 | Sequence 2315, Ap |
| 871 | 10 | 33.3 | 65 | 10 | US-09-908-975-2496 | Sequence 2496, Ap |
| c 872 | 10 | 33.3 | 65 | 10 | US-09-908-975-2680 | Sequence 2680, Ap |
| c 873 | 10 | 33.3 | 65 | 10 | US-09-908-975-2738 | Sequence 2738, Ap |
| 874 | 10 | 33.3 | 65 | 10 | US-09-908-975-3081 | Sequence 3081, Ap |
| c 875 | 10 | 33.3 | 65 | 10 | US-09-908-975-4002 | Sequence 4002, Ap |
| c 876 | 10 | 33.3 | 65 | 10 | US-09-908-975-4141 | Sequence 4141, Ap |
| c 877 | 10 | 33.3 | 65 | 10 | US-09-908-975-4426 | Sequence 4426, Ap |
| 878 | 10 | 33.3 | 65 | 10 | US-09-908-975-4541 | Sequence 4541, Ap |
| 879 | 10 | 33.3 | 65 | 10 | US-09-908-975-23887 | Sequence 23887, A |
| c 880 | 10 | 33.3 | 65 | 10 | US-09-908-975-23989 | Sequence 23989, A |
| 881 | 10 | 33.3 | 65 | 10 | US-09-908-975-24553 | Sequence 24553, A |
| 882 | 10 | 33.3 | 65 | 10 | US-09-908-975-24664 | Sequence 24664, A |
| 883 | 10 | 33.3 | 65 | 10 | US-09-908-975-25479 | Sequence 25479, A |
| c 884 | 10 | 33.3 | 65 | 10 | US-09-908-975-25978 | Sequence 25978, A |
| 885 | 10 | 33.3 | 65 | 10 | US-09-908-975-26753 | Sequence 26753, A |
| 886 | 10 | 33.3 | 65 | 10 | US-09-908-975-27532 | Sequence 27532, A |
| 887 | 10 | 33.3 | 65 | 10 | US-09-908-975-27690 | Sequence 27690, A |
| c 888 | 10 | 33.3 | 65 | 10 | US-09-908-975-27690 | Sequence 27690, A |
| 889 | 10 | 33.3 | 65 | 10 | US-09-908-975-27716 | Sequence 27716, A |
| 890 | 10 | 33.3 | 65 | 10 | US-09-908-975-28045 | Sequence 28045, A |
| 891 | 10 | 33.3 | 65 | 10 | US-09-908-975-28220 | Sequence 28220, A |
| 892 | 10 | 33.3 | 65 | 10 | US-09-908-975-28536 | Sequence 28536, A |
| c 893 | 10 | 33.3 | 65 | 10 | US-09-908-975-28594 | Sequence 28594, A |
| 894 | 10 | 33.3 | 65 | 10 | US-09-908-975-28681 | Sequence 28681, A |
| 895 | 10 | 33.3 | 65 | 10 | US-09-908-975-29008 | Sequence 29008, A |
| c 896 | 10 | 33.3 | 65 | 10 | US-09-908-975-29059 | Sequence 29059, A |
| 897 | 10 | 33.3 | 65 | 10 | US-09-908-975-29155 | Sequence 29155, A |
| c 898 | 10 | 33.3 | 65 | 10 | US-09-908-975-29885 | Sequence 29885, A |
| c 899 | 10 | 33.3 | 65 | 10 | US-09-908-975-29897 | Sequence 29897, A |
| 900 | 10 | 33.3 | 65 | 10 | US-09-908-975-29933 | Sequence 29933, A |
| c 901 | 10 | 33.3 | 65 | 10 | US-09-908-975-29999 | Sequence 29999, A |
| 902 | 10 | 33.3 | 65 | 10 | US-09-908-975-30361 | Sequence 30361, A |
| c 903 | 10 | 33.3 | 65 | 10 | US-09-908-975-30444 | Sequence 30444, A |
| 904 | 10 | 33.3 | 65 | 10 | US-09-908-975-30502 | Sequence 30502, A |
| c 905 | 10 | 33.3 | 65 | 10 | US-09-908-975-31040 | Sequence 31040, A |
| 906 | 10 | 33.3 | 65 | 15 | US-10-032-585-3286 | Sequence 3286, Ap |
| 907 | 10 | 33.3 | 65 | 15 | US-10-032-585-3571 | Sequence 3571, Ap |
| c 908 | 10 | 33.3 | 65 | 17 | US-10-666-480-155 | Sequence 155, App |
| 909 | 10 | 33.3 | 67 | 17 | US-10-666-480-156 | Sequence 156, App |

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| c 910 | 10 | 33.3 | 68 | 15 | US-10-341-967-83 | Sequence 83, Appl |
| c 911 | 10 | 33.3 | 68 | 15 | US-10-374-600-77 | Sequence 77, Appl |
| c 912 | 10 | 33.3 | 68 | 16 | US-10-374-531-77 | Sequence 77, Appl |
| 913 | 10 | 33.3 | 69 | 15 | US-10-000-511A-25 | Sequence 25, Appl |
| 914 | 10 | 33.3 | 70 | 9 | US-09-878-134-120 | Sequence 120, App |
| 915 | 10 | 33.3 | 70 | 9 | US-09-920-300A-1450 | Sequence 1450, Ap |
| c 916 | 10 | 33.3 | 70 | 10 | US-09-747-377-209 | Sequence 209, App |
| 917 | 10 | 33.3 | 70 | 13 | US-10-033-528-1450 | Sequence 1450, Ap |
| c 918 | 10 | 33.3 | 70 | 14 | US-10-105-613-209 | Sequence 209, App |
| 919 | 10 | 33.3 | 70 | 15 | US-10-099-926-1450 | Sequence 1450, Ap |
| c 920 | 10 | 33.3 | 70 | 15 | US-10-149-736-59 | Sequence 59, Appl |
| 921 | 10 | 33.3 | 71 | 9 | US-09-796-692-5643 | Sequence 5643, Ap |
| 922 | 10 | 33.3 | 71 | 14 | US-10-040-862-5643 | Sequence 5643, Ap |
| 923 | 10 | 33.3 | 71 | 16 | US-10-057-475B-5643 | Sequence 5643, Ap |
| 924 | 10 | 33.3 | 71 | 16 | US-10-154-884B-5643 | Sequence 5643, Ap |
| c 925 | 10 | 33.3 | 71 | 16 | US-10-467-020-25 | Sequence 25, Appl |
| 926 | 10 | 33.3 | 71 | 17 | US-10-764-324-5643 | Sequence 5643, Ap |
| c 927 | 10 | 33.3 | 75 | 9 | US-09-864-761-20563 | Sequence 20563, A |
| 928 | 10 | 33.3 | 75 | 9 | US-09-864-761-29557 | Sequence 29557, A |
| 929 | 10 | 33.3 | 75 | 9 | US-09-770-693-16 | Sequence 16, Appl |
| c 930 | 10 | 33.3 | 75 | 16 | US-10-449-831A-131 | Sequence 131, App |
| c 931 | 10 | 33.3 | 75 | 17 | US-10-666-480-76 | Sequence 76, Appl |
| 932 | 10 | 33.3 | 78 | 15 | US-10-029-386-15190 | Sequence 15190, A |
| c 933 | 10 | 33.3 | 79 | 9 | US-09-864-761-26360 | Sequence 26360, A |
| c 934 | 10 | 33.3 | 79 | 15 | US-10-029-386-21259 | Sequence 21259, A |
| 935 | 10 | 33.3 | 79 | 15 | US-10-388-360-231 | Sequence 231, App |
| 936 | 10 | 33.3 | 79 | 18 | US-10-758-307-27 | Sequence 27, Appl |
| 937 | 10 | 33.3 | 80 | 15 | US-10-120-145-49 | Sequence 49, Appl |
| c 938 | 10 | 33.3 | 80 | 15 | US-10-120-145-50 | Sequence 50, Appl |
| c 939 | 10 | 33.3 | 80 | 15 | US-10-029-386-17958 | Sequence 17958, A |
| 940 | 10 | 33.3 | 80 | 15 | US-10-364-649-88 | Sequence 88, Appl |
| c 941 | 10 | 33.3 | 80 | 15 | US-10-364-649-89 | Sequence 89, Appl |
| 942 | 10 | 33.3 | 80 | 16 | US-10-384-245-66 | Sequence 66, Appl |
| 943 | 10 | 33.3 | 80 | 16 | US-10-384-245-405 | Sequence 405, App |
| 944 | 10 | 33.3 | 80 | 16 | US-10-384-245-607 | Sequence 607, App |
| c 945 | 10 | 33.3 | 80 | 16 | US-10-384-245-617 | Sequence 617, App |
| c 946 | 10 | 33.3 | 80 | 16 | US-10-624-154-6 | Sequence 6, Appli |
| 947 | 10 | 33.3 | 81 | 9 | US-09-983-965-95 | Sequence 95, Appl |
| c 948 | 10 | 33.3 | 82 | 10 | US-09-994-228-60 | Sequence 60, Appl |
| 949 | 10 | 33.3 | 82 | 18 | US-10-729-581-328 | Sequence 328, App |
| c 950 | 10 | 33.3 | 83 | 10 | US-09-994-228-59 | Sequence 59, Appl |
| 951 | 10 | 33.3 | 83 | 15 | US-10-029-386-21291 | Sequence 21291, A |
| c 952 | 10 | 33.3 | 84 | 9 | US-09-974-300-7312 | Sequence 7312, Ap |
| 953 | 10 | 33.3 | 87 | 9 | US-09-294-093B-4883 | Sequence 4883, Ap |
| c 954 | 10 | 33.3 | 88 | 9 | US-09-796-692-5205 | Sequence 5205, Ap |
| 955 | 10 | 33.3 | 88 | 13 | US-10-027-632-176844 | Sequence 176844, |
| c 956 | 10 | 33.3 | 88 | 14 | US-10-040-862-5205 | Sequence 5205, Ap |
| c 957 | 10 | 33.3 | 88 | 15 | US-10-102-524-297 | Sequence 297, App |
| c 958 | 10 | 33.3 | 88 | 15 | US-10-029-386-13873 | Sequence 13873, A |
| 959 | 10 | 33.3 | 88 | 15 | US-10-027-632-176844 | Sequence 176844, |
| c 960 | 10 | 33.3 | 88 | 16 | US-10-057-475B-5205 | Sequence 5205, Ap |
| c 961 | 10 | 33.3 | 88 | 16 | US-10-154-884B-5205 | Sequence 5205, Ap |
| c 962 | 10 | 33.3 | 88 | 17 | US-10-764-324-5205 | Sequence 5205, Ap |
| 963 | 10 | 33.3 | 90 | 9 | US-09-864-761-25231 | Sequence 25231, A |
| 964 | 10 | 33.3 | 90 | 9 | US-09-796-692-7749 | Sequence 7749, Ap |
| c 965 | 10 | 33.3 | 90 | 14 | US-10-038-010-29 | Sequence 29, Appl |
| 966 | 10 | 33.3 | 90 | 14 | US-10-040-862-7749 | Sequence 7749, Ap |

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| 970 | 10 | 33.3 | 90 | 16 | US-10-296-734-1015 | Sequence 1015, Ap |
| 971 | 10 | 33.3 | 90 | 16 | US-10-296-734-1337 | Sequence 1337, Ap |
| 972 | 10 | 33.3 | 90 | 17 | US-10-764-324-7749 | Sequence 7749, Ap |
| c 973 | 10 | 33.3 | 92 | 9 | US-09-864-761-24494 | Sequence 24494, A |
| 974 | 10 | 33.3 | 92 | 15 | US-10-106-698-3981 | Sequence 3981, Ap |
| 975 | 10 | 33.3 | 92 | 15 | US-10-029-386-19802 | Sequence 19802, A |
| c 976 | 10 | 33.3 | 94 | 16 | US-10-462-062-89 | Sequence 89, Appl |
| c 977 | 10 | 33.3 | 94 | 17 | US-10-472-905A-78 | Sequence 78, Appl |
| 978 | 10 | 33.3 | 94 | 18 | US-10-780-638-20 | Sequence 20, Appl |
| c 979 | 10 | 33.3 | 94 | 18 | US-10-780-638-20 | Sequence 20, Appl |
| 980 | 10 | 33.3 | 94 | 18 | US-10-780-638-21 | Sequence 21, Appl |
| c 981 | 10 | 33.3 | 94 | 18 | US-10-780-638-21 | Sequence 21, Appl |
| c 982 | 10 | 33.3 | 96 | 9 | US-09-919-408-7 | Sequence 7, Appli |
| 983 | 10 | 33.3 | 96 | 9 | US-09-919-408-8 | Sequence 8, Appli |
| c 984 | 10 | 33.3 | 96 | 9 | US-09-872-136-7 | Sequence 7, Appli |
| 985 | 10 | 33.3 | 96 | 9 | US-09-872-136-8 | Sequence 8, Appli |
| c 986 | 10 | 33.3 | 96 | 9 | US-09-764-847-1391 | Sequence 1391, Ap |
| c 987 | 10 | 33.3 | 96 | 14 | US-10-092-154-1391 | Sequence 1391, Ap |
| 988 | 10 | 33.3 | 96 | 15 | US-10-029-386-26124 | Sequence 26124, A |
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| 991 | 10 | 33.3 | 97 | 9 | US-09-969-373-1485 | Sequence 1485, Ap |
| 992 | 10 | 33.3 | 97 | 10 | US-09-849-928-48 | Sequence 48, Appl |
| 993 | 10 | 33.3 | 97 | 14 | US-10-066-960-48 | Sequence 48, Appl |
| 994 | 10 | 33.3 | 97 | 16 | US-10-409-627-48 | Sequence 48, Appl |
| 995 | 10 | 33.3 | 97 | 16 | US-10-705-300-48 | Sequence 48, Appl |
| c 996 | 10 | 33.3 | 100 | 9 | US-09-908-711-136 | Sequence 136, App |
| c 997 | 10 | 33.3 | 100 | 9 | US-09-864-761-24591 | Sequence 24591, A |
| c 998 | 10 | 33.3 | 100 | 10 | US-09-764-891-6124 | Sequence 6124, Ap |
| c 999 | 10 | 33.3 | 100 | 16 | US-10-242-535A-9875 | Sequence 9875, Ap |
| c1000 | 10 | 33.3 | 100 | 16 | US-10-085-783A-9875 | Sequence 9875, Ap |

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 06:29:21 ; Search time 975.155 Seconds
(without alignments)
1121.045 Million cell updates/sec

Title: US-09-463-209D-1_COPY_54_83
Perfect score: 30
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Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 32822875 seqs, 18219865908 residues

Word size : 10

Total number of hits satisfying chosen parameters: 859

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Post-processing: Listing first 1000 summaries

Database : EST:*
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9: gb_gss2:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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| | 39 | 12 | 40.0 | 94 | 8 | BH910386 | BH910386 | SALK_0592 |
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| | 57 | 11 | 36.7 | 52 | 8 | BZ762159 | BZ762159 | SALK_0917 |
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| | 59 | 11 | 36.7 | 54 | 9 | CR198501 | CR198501 | Reverse s |
| | 60 | 11 | 36.7 | 56 | 8 | AZ449209 | AZ449209 | 1M0247A19 |
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| c | 62 | 11 | 36.7 | 58 | 4 | BG379689 | BG379689 | UI-R-CS0- |
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| | 69 | 11 | 36.7 | 62 | 8 | BZ353206 | BZ353206 | SALK_1199 |
| | 70 | 11 | 36.7 | 62 | 8 | BZ662110 | BZ662110 | SALK_0255 |
| | 71 | 11 | 36.7 | 62 | 9 | TA367H04Q | AL495257 | T. brucei |
| c | 72 | 11 | 36.7 | 63 | 9 | CG545960 | CG545960 | OST144793 |
| c | 73 | 11 | 36.7 | 64 | 1 | AI005554 | AI005554 | ov58b05.s |
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| c | 78 | 11 | 36.7 | 66 | 6 | CD957809 | CD957809 | SCM_134 G |
| | 79 | 11 | 36.7 | 67 | 9 | CR113573 | CR113573 | Forward s |
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| | 108 | 11 | 36.7 | 81 | 8 | BH170267 | BH170267 | SALK_0026 |
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| 199 | 10 | 33.3 | 40 | 7 | CO258621 | CO258621 | VRK352 Vi |
| 200 | 10 | 33.3 | 40 | 9 | CL517413 | CL517413 | DAA3H12 F |
| c 201 | 10 | 33.3 | 41 | 8 | BZ589522 | BZ589522 | 3590_1_70 |
| 202 | 10 | 33.3 | 43 | 8 | AZ807491 | AZ807491 | 2M0070E22 |
| 203 | 10 | 33.3 | 43 | 8 | BH901899 | BH901899 | SALK_0909 |
| c 204 | 10 | 33.3 | 43 | 9 | AJ588681 | AJ588681 | Arabidops |
| 205 | 10 | 33.3 | 43 | 9 | TA117A10P | AL462717 | T. brucei |
| 206 | 10 | 33.3 | 44 | 9 | CL214478 | CL214478 | W080D08 G |
| 207 | 10 | 33.3 | 44 | 9 | CL519228 | CL519228 | DAF9D08 F |
| 208 | 10 | 33.3 | 44 | 9 | CL519559 | CL519559 | DAG6A06 F |
| 209 | 10 | 33.3 | 45 | 1 | AA683880 | AA683880 | vr06c09.r |
| c 210 | 10 | 33.3 | 45 | 1 | AJ651025 | AJ651025 | AJ651025 |
| 211 | 10 | 33.3 | 45 | 6 | CA850746 | CA850746 | D06B01_B0 |
| c 212 | 10 | 33.3 | 46 | 8 | BZ289950 | BZ289950 | SALK_0233 |
| c 213 | 10 | 33.3 | 46 | 9 | AL938361 | AL938361 | Arabidops |
| 214 | 10 | 33.3 | 48 | 8 | BZ592555 | BZ592555 | l(2)SH017 |
| c 215 | 10 | 33.3 | 48 | 9 | CR402344 | CR402344 | Arabidops |
| c 216 | 10 | 33.3 | 49 | 6 | CA341266 | CA341266 | pk13c02.x |
| c 217 | 10 | 33.3 | 49 | 8 | AZ435462 | AZ435462 | 1M0222F03 |
| 218 | 10 | 33.3 | 49 | 8 | AZ817223 | AZ817223 | 2M0086N19 |
| 219 | 10 | 33.3 | 49 | 9 | CL520524 | CL520524 | DAI7C01 F |
| c 220 | 10 | 33.3 | 50 | 1 | AU102988 | AU102988 | AU102988 |
| c 221 | 10 | 33.3 | 50 | 6 | CA969709 | CA969709 | CcLX06a24 |
| c 222 | 10 | 33.3 | 51 | 4 | BG222744 | BG222744 | nah38b07. |
| c 223 | 10 | 33.3 | 51 | 4 | BG272628 | BG272628 | nah28e12. |
| 224 | 10 | 33.3 | 51 | 8 | BH214935 | BH214935 | 1006012D0 |
| 225 | 10 | 33.3 | 51 | 9 | CR066986 | CR066986 | Forward s |
| 226 | 10 | 33.3 | 51 | 9 | LBAF012G02 | BX540068 | Leishmani |
| 227 | 10 | 33.3 | 51 | 9 | CL529257 | CL529257 | HIV36B4.x |
| c 228 | 10 | 33.3 | 52 | 4 | BG525757 | BG525757 | 49-39 Ste |
| 229 | 10 | 33.3 | 52 | 9 | AJ599509 | AJ599509 | Arabidops |
| 230 | 10 | 33.3 | 52 | 9 | BX289103 | BX289103 | Arabidops |
| 231 | 10 | 33.3 | 52 | 9 | CL437862 | CL437862 | PST6428-N |
| c 232 | 10 | 33.3 | 53 | 2 | BF211235 | BF211235 | 601812663 |
| c 233 | 10 | 33.3 | 53 | 4 | BG272443 | BG272443 | nah30g03. |
| 234 | 10 | 33.3 | 53 | 6 | CA339521 | CA339521 | NISC_ly03 |
| 235 | 10 | 33.3 | 53 | 6 | CB353553 | CB353553 | ZF001-P00 |
| 236 | 10 | 33.3 | 54 | 1 | AI253778 | AI253778 | aq29f10.x |
| 237 | 10 | 33.3 | 54 | 1 | AI877662 | AI877662 | fc50b05.y |

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| 238 | 10 | 33.3 | 54 | 1 | AV833768 | AV833768 | AV833768 |
| 239 | 10 | 33.3 | 54 | 6 | CA850918 | CA850918 | D08B03_D1 |
| 240 | 10 | 33.3 | 54 | 6 | CB226319 | CB226319 | 1RT32H11 |
| c 241 | 10 | 33.3 | 54 | 7 | CF929488 | CF929488 | lag47g09. |
| c 242 | 10 | 33.3 | 54 | 8 | AZ774246 | AZ774246 | 2M0003K19 |
| c 243 | 10 | 33.3 | 54 | 9 | CR113657 | CR113657 | Forward s |
| c 244 | 10 | 33.3 | 55 | 1 | AJ239854 | AJ239854 | AJ239854 |
| 245 | 10 | 33.3 | 55 | 4 | BM043974 | BM043974 | 603620958 |
| 246 | 10 | 33.3 | 56 | 9 | CL521051 | CL521051 | SAK8C07 F |
| c 247 | 10 | 33.3 | 57 | 1 | AL797516 | AL797516 | AL797516 |
| c 248 | 10 | 33.3 | 57 | 1 | AA591865 | AA591865 | vl15g09.r |
| 249 | 10 | 33.3 | 57 | 8 | AZ308427 | AZ308427 | 1M0011F22 |
| c 250 | 10 | 33.3 | 57 | 8 | AZ813948 | AZ813948 | 2M0081M21 |
| 251 | 10 | 33.3 | 58 | 1 | AA948422 | AA948422 | on52e09.s |
| c 252 | 10 | 33.3 | 58 | 1 | AI965857 | AI965857 | sc78g02.y |
| c 253 | 10 | 33.3 | 58 | 1 | AA562947 | AA562947 | vl57b08.r |
| 254 | 10 | 33.3 | 58 | 6 | CA898152 | CA898152 | PCEP03055 |
| 255 | 10 | 33.3 | 58 | 7 | H55535 | H55535 | CHR220474 C |
| 256 | 10 | 33.3 | 58 | 8 | BH792160 | BH792160 | SALK_0628 |
| c 257 | 10 | 33.3 | 58 | 9 | AJ601313 | AJ601313 | Arabidops |
| 258 | 10 | 33.3 | 58 | 9 | AL947414 | AL947414 | Arabidops |
| c 259 | 10 | 33.3 | 58 | 9 | BX537068 | BX537068 | Arabidops |
| 260 | 10 | 33.3 | 59 | 6 | CB356654 | CB356654 | ZF001-P00 |
| 261 | 10 | 33.3 | 59 | 8 | AZ826832 | AZ826832 | 2M0102A20 |
| 262 | 10 | 33.3 | 59 | 9 | CL522648 | CL522648 | DAK5A02 F |
| c 263 | 10 | 33.3 | 60 | 2 | AW263795 | AW263795 | xq48b03.x |
| 264 | 10 | 33.3 | 60 | 4 | BJ080479 | BJ080479 | BJ080479 |
| 265 | 10 | 33.3 | 60 | 6 | CD940428 | CD940428 | RAM_54 Ge |
| c 266 | 10 | 33.3 | 60 | 6 | CD967819 | CD967819 | SEY_253 G |
| 267 | 10 | 33.3 | 60 | 7 | H52868 | H52868 | EST0022 Tes |
| 268 | 10 | 33.3 | 60 | 7 | U44159 | U44159 | ENU44159 As |
| 269 | 10 | 33.3 | 60 | 8 | AZ622294 | AZ622294 | 1M0459C06 |
| c 270 | 10 | 33.3 | 60 | 9 | BX662344 | BX662344 | Arabidops |
| 271 | 10 | 33.3 | 61 | 1 | AV851846 | AV851846 | AV851846 |
| 272 | 10 | 33.3 | 61 | 6 | CA772274 | CA772274 | io94a11.y |
| c 273 | 10 | 33.3 | 61 | 9 | BX962889 | BX962889 | Forward s |
| 274 | 10 | 33.3 | 61 | 9 | CG610089 | CG610089 | OST292363 |
| c 275 | 10 | 33.3 | 61 | 9 | CG642930 | CG642930 | OST379957 |
| 276 | 10 | 33.3 | 61 | 9 | CG671053 | CG671053 | OST472357 |
| 277 | 10 | 33.3 | 61 | 9 | CG732768 | CG732768 | 1119150H0 |
| 278 | 10 | 33.3 | 61 | 9 | CG732769 | CG732769 | 1119150H0 |
| 279 | 10 | 33.3 | 61 | 9 | CG732776 | CG732776 | 1119150H0 |
| 280 | 10 | 33.3 | 62 | 6 | CB366019 | CB366019 | ZF001-P00 |
| 281 | 10 | 33.3 | 62 | 7 | CN863537 | CN863537 | 000919AAL |
| 282 | 10 | 33.3 | 62 | 9 | TA55E04P | AL455786 | T. brucei |
| c 283 | 10 | 33.3 | 62 | 9 | CG612328 | CG612328 | OST298426 |
| c 284 | 10 | 33.3 | 62 | 9 | CG615546 | CG615546 | OST306157 |
| c 285 | 10 | 33.3 | 62 | 9 | CG618381 | CG618381 | OST313038 |
| 286 | 10 | 33.3 | 62 | 9 | CG624195 | CG624195 | OST327300 |
| 287 | 10 | 33.3 | 62 | 9 | CG662501 | CG662501 | OST446343 |
| c 288 | 10 | 33.3 | 62 | 9 | CL436533 | CL436533 | PST3207-N |
| 289 | 10 | 33.3 | 63 | 1 | AU076494 | AU076494 | AU076494 |
| c 290 | 10 | 33.3 | 63 | 2 | AW151032 | AW151032 | xg43g10.x |
| c 291 | 10 | 33.3 | 63 | 2 | AW556735 | AW556735 | L0272F06- |
| c 292 | 10 | 33.3 | 63 | 4 | BG280571 | BG280571 | c4g07np.r |
| 293 | 10 | 33.3 | 63 | 6 | CB366094 | CB366094 | ZF001-P00 |
| c 294 | 10 | 33.3 | 63 | 6 | CF001741 | CF001741 | QBG6a05.p |

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| 295 | 10 | 33.3 | 63 | 8 | AZ478351 | AZ478351 | 1M0298B23 |
| c 296 | 10 | 33.3 | 63 | 8 | AZ813519 | AZ813519 | 2M0080P15 |
| 297 | 10 | 33.3 | 63 | 9 | CG670922 | CG670922 | OST471885 |
| c 298 | 10 | 33.3 | 64 | 1 | AA866011 | AA866011 | oh30g11.s |
| c 299 | 10 | 33.3 | 64 | 1 | AA870188 | AA870188 | vq12h07.r |
| 300 | 10 | 33.3 | 64 | 1 | AA073314 | AA073314 | mm84f03.r |
| c 301 | 10 | 33.3 | 64 | 1 | AI644582 | AI644582 | vv19a10.x |
| 302 | 10 | 33.3 | 64 | 2 | BE239299 | BE239299 | SWOvL2CAS |
| 303 | 10 | 33.3 | 64 | 4 | BI097392 | BI097392 | SWOv3MCAM |
| 304 | 10 | 33.3 | 64 | 6 | CB355671 | CB355671 | ZF001-P00 |
| 305 | 10 | 33.3 | 64 | 6 | CF001742 | CF001742 | QBG6a05.x |
| c 306 | 10 | 33.3 | 64 | 7 | Z21403 | Z21403 | HSAAAEBXR T |
| 307 | 10 | 33.3 | 64 | 8 | AF107437 | AF107437 | AF107437 |
| c 308 | 10 | 33.3 | 64 | 8 | AZ440550 | AZ440550 | 1M0231I12 |
| c 309 | 10 | 33.3 | 64 | 8 | B44936 | B44936 | HS-1060-A2- |
| 310 | 10 | 33.3 | 64 | 8 | BH855695 | BH855695 | SALK_0847 |
| 311 | 10 | 33.3 | 64 | 9 | CG524299 | CG524299 | OST98120 |
| 312 | 10 | 33.3 | 64 | 9 | CG527719 | CG527719 | OST105952 |
| 313 | 10 | 33.3 | 64 | 9 | CG549567 | CG549567 | OST153388 |
| 314 | 10 | 33.3 | 64 | 9 | CG626290 | CG626290 | OST334064 |
| 315 | 10 | 33.3 | 64 | 9 | CG631855 | CG631855 | OST348989 |
| 316 | 10 | 33.3 | 64 | 9 | CG669942 | CG669942 | OST467582 |
| 317 | 10 | 33.3 | 64 | 9 | CG708423 | CG708423 | 1119009C0 |
| c 318 | 10 | 33.3 | 65 | 1 | AI741061 | AI741061 | wg08a04.x |
| c 319 | 10 | 33.3 | 65 | 8 | AZ339907 | AZ339907 | 1M0071P02 |
| 320 | 10 | 33.3 | 65 | 8 | B36173 | B36173 | HS-1038-A1- |
| 321 | 10 | 33.3 | 65 | 9 | CG546761 | CG546761 | OST146689 |
| 322 | 10 | 33.3 | 65 | 9 | CG576158 | CG576158 | OST210668 |
| 323 | 10 | 33.3 | 65 | 9 | CG615376 | CG615376 | OST305246 |
| c 324 | 10 | 33.3 | 65 | 9 | CG708241 | CG708241 | 1119008B0 |
| c 325 | 10 | 33.3 | 66 | 1 | AI523518 | AI523518 | ar73g03.x |
| c 326 | 10 | 33.3 | 66 | 1 | AU259021 | AU259021 | AU259021 |
| c 327 | 10 | 33.3 | 66 | 7 | CN926996 | CN926996 | 000529AEP |
| c 328 | 10 | 33.3 | 66 | 8 | AZ509413 | AZ509413 | 1M0352B21 |
| c 329 | 10 | 33.3 | 66 | 9 | BX291369 | BX291369 | Arabidops |
| c 330 | 10 | 33.3 | 66 | 9 | BX958507 | BX958507 | Reverse s |
| 331 | 10 | 33.3 | 66 | 9 | CR131171 | CR131171 | Reverse s |
| 332 | 10 | 33.3 | 66 | 9 | CG518437 | CG518437 | OST79948 |
| 333 | 10 | 33.3 | 66 | 9 | CG520344 | CG520344 | OST85516 |
| 334 | 10 | 33.3 | 66 | 9 | CG590041 | CG590041 | OST242990 |
| c 335 | 10 | 33.3 | 67 | 9 | AL755754 | AL755754 | Arabidops |
| c 336 | 10 | 33.3 | 67 | 9 | AL761696 | AL761696 | Arabidops |
| c 337 | 10 | 33.3 | 67 | 9 | HSMC14B12 | X88383 | H.sapiens D |
| c 338 | 10 | 33.3 | 67 | 9 | CG538472 | CG538472 | OST128511 |
| 339 | 10 | 33.3 | 67 | 9 | CG667606 | CG667606 | OST461522 |
| 340 | 10 | 33.3 | 67 | 9 | CG670839 | CG670839 | OST471710 |
| c 341 | 10 | 33.3 | 67 | 9 | AG200632 | AG200632 | Pan trogl |
| 342 | 10 | 33.3 | 68 | 1 | AI993123 | AI993123 | 701495377 |
| c 343 | 10 | 33.3 | 68 | 6 | C00130 | C00130 | HUMGS000576 |
| 344 | 10 | 33.3 | 68 | 8 | AZ640966 | AZ640966 | 1M0503D15 |
| c 345 | 10 | 33.3 | 68 | 9 | DME545554 | AJ545554 | Drosophil |
| c 346 | 10 | 33.3 | 68 | 9 | CG520006 | CG520006 | OST84665 |
| c 347 | 10 | 33.3 | 68 | 9 | CG576022 | CG576022 | OST210377 |
| 348 | 10 | 33.3 | 68 | 9 | CG576686 | CG576686 | OST211700 |
| 349 | 10 | 33.3 | 68 | 9 | CG625081 | CG625081 | OST329896 |
| c 350 | 10 | 33.3 | 68 | 9 | CG633206 | CG633206 | OST352613 |
| c 351 | 10 | 33.3 | 68 | 9 | CG642503 | CG642503 | OST378626 |

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| | 352 | 10 | 33.3 | 68 | 9 | CG667402 | CG667402 | OST460377 |
| | 353 | 10 | 33.3 | 68 | 9 | CG670588 | CG670588 | OST470989 |
| c | 354 | 10 | 33.3 | 69 | 1 | AU259778 | AU259778 | AU259778 |
| c | 355 | 10 | 33.3 | 69 | 5 | BQ759611 | BQ759611 | EBpi03_SQ |
| | 356 | 10 | 33.3 | 69 | 6 | CD964347 | CD964347 | SEB_45 Ge |
| | 357 | 10 | 33.3 | 69 | 6 | CD965415 | CD965415 | SEJ_82 Ge |
| | 358 | 10 | 33.3 | 69 | 8 | AZ434020 | AZ434020 | 1M0220P08 |
| c | 359 | 10 | 33.3 | 69 | 9 | AL756396 | AL756396 | Arabidops |
| | 360 | 10 | 33.3 | 69 | 9 | CG552987 | CG552987 | OST165018 |
| | 361 | 10 | 33.3 | 69 | 9 | CG588881 | CG588881 | OST240385 |
| | 362 | 10 | 33.3 | 69 | 9 | CG617320 | CG617320 | OST310685 |
| | 363 | 10 | 33.3 | 69 | 9 | CG634541 | CG634541 | OST355719 |
| | 364 | 10 | 33.3 | 69 | 9 | CG667359 | CG667359 | OST460183 |
| | 365 | 10 | 33.3 | 69 | 9 | CG671114 | CG671114 | OST472580 |
| | 366 | 10 | 33.3 | 69 | 9 | L48742 | L48742 | HUMAG Chrom |
| | 367 | 10 | 33.3 | 70 | 1 | AI038934 | AI038934 | ox96h11.x |
| c | 368 | 10 | 33.3 | 70 | 1 | AI158435 | AI158435 | ud28a09.r |
| c | 369 | 10 | 33.3 | 70 | 1 | AJ695998 | AJ695998 | AJ695998 |
| | 370 | 10 | 33.3 | 70 | 1 | AA405878 | AA405878 | zu57a12.r |
| | 371 | 10 | 33.3 | 70 | 2 | BF507147 | BF507147 | 23113P-8a |
| | 372 | 10 | 33.3 | 70 | 4 | BM874227 | BM874227 | laa03f04. |
| | 373 | 10 | 33.3 | 70 | 6 | CB366119 | CB366119 | ZF001-P00 |
| | 374 | 10 | 33.3 | 70 | 7 | CO051872 | CO051872 | Mdfw2055p |
| c | 375 | 10 | 33.3 | 70 | 7 | F30042 | F30042 | HSPD20287 H |
| c | 376 | 10 | 33.3 | 70 | 7 | R85465 | R85465 | yo36c09.s1 |
| | 377 | 10 | 33.3 | 70 | 8 | AZ766459 | AZ766459 | 1M0564K05 |
| c | 378 | 10 | 33.3 | 70 | 8 | AZ783528 | AZ783528 | 2M0025D20 |
| c | 379 | 10 | 33.3 | 70 | 8 | BZ378535 | BZ378535 | SALK_1082 |
| c | 380 | 10 | 33.3 | 70 | 9 | CR172136 | CR172136 | Reverse s |
| | 381 | 10 | 33.3 | 70 | 9 | CC795960 | CC795960 | SALK_0889 |
| c | 382 | 10 | 33.3 | 70 | 9 | CG583915 | CG583915 | OST226604 |
| | 383 | 10 | 33.3 | 70 | 9 | CG629920 | CG629920 | OST344160 |
| c | 384 | 10 | 33.3 | 70 | 9 | CL302269 | CL302269 | G055A03 G |
| | 385 | 10 | 33.3 | 70 | 9 | CL609958 | CL609958 | CH240_177 |
| | 386 | 10 | 33.3 | 70 | 9 | AG191620 | AG191620 | Pan trogl |
| c | 387 | 10 | 33.3 | 71 | 1 | AA285873 | AA285873 | vb83a08.r |
| | 388 | 10 | 33.3 | 71 | 6 | CB362820 | CB362820 | ZF001-P00 |
| | 389 | 10 | 33.3 | 71 | 6 | CD947025 | CD947025 | REX_102 G |
| | 390 | 10 | 33.3 | 71 | 6 | CD948840 | CD948840 | SAH_203 G |
| | 391 | 10 | 33.3 | 71 | 6 | CD965171 | CD965171 | SEH_48 Ge |
| | 392 | 10 | 33.3 | 71 | 8 | BH853855 | BH853855 | SALK_0783 |
| c | 393 | 10 | 33.3 | 71 | 9 | CG481727 | CG481727 | OST14348 |
| | 394 | 10 | 33.3 | 71 | 9 | CG497870 | CG497870 | OST38726 |
| | 395 | 10 | 33.3 | 71 | 9 | CG538409 | CG538409 | OST128382 |
| | 396 | 10 | 33.3 | 71 | 9 | CG590017 | CG590017 | OST242945 |
| | 397 | 10 | 33.3 | 71 | 9 | CG636866 | CG636866 | OST361916 |
| | 398 | 10 | 33.3 | 71 | 9 | CG667393 | CG667393 | OST460310 |
| | 399 | 10 | 33.3 | 71 | 9 | CG669889 | CG669889 | OST467379 |
| | 400 | 10 | 33.3 | 71 | 9 | CG670957 | CG670957 | OST471981 |
| | 401 | 10 | 33.3 | 71 | 9 | CG671211 | CG671211 | OST472855 |
| | 402 | 10 | 33.3 | 71 | 9 | CL522379 | CL522379 | DAK2H06 F |
| | 403 | 10 | 33.3 | 72 | 1 | AA911104 | AA911104 | ok67g02.s |
| | 404 | 10 | 33.3 | 72 | 4 | BI520673 | BI520673 | 603071655 |
| | 405 | 10 | 33.3 | 72 | 9 | AL767765 | AL767765 | Arabidops |
| | 406 | 10 | 33.3 | 72 | 9 | CG486608 | CG486608 | OST21723 |
| c | 407 | 10 | 33.3 | 72 | 9 | CG516011 | CG516011 | OST73617 |
| | 408 | 10 | 33.3 | 72 | 9 | CG582199 | CG582199 | OST223154 |

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| c 409 | 10 | 33.3 | 72 | 9 | CG623893 | CG623893 | OST326599 |
| 410 | 10 | 33.3 | 72 | 9 | CG629888 | CG629888 | OST343805 |
| 411 | 10 | 33.3 | 72 | 9 | CG652502 | CG652502 | OST415742 |
| 412 | 10 | 33.3 | 72 | 9 | CG668898 | CG668898 | OST465271 |
| 413 | 10 | 33.3 | 72 | 9 | CG670246 | CG670246 | OST469347 |
| 414 | 10 | 33.3 | 72 | 9 | CG670707 | CG670707 | OST471267 |
| 415 | 10 | 33.3 | 73 | 1 | AA861849 | AA861849 | ak39c02.s |
| 416 | 10 | 33.3 | 73 | 1 | AA882117 | AA882117 | vx36e03.r |
| 417 | 10 | 33.3 | 73 | 1 | AI001729 | AI001729 | os97h08.s |
| c 418 | 10 | 33.3 | 73 | 1 | AA209193 | AA209193 | zq65h01.s |
| 419 | 10 | 33.3 | 73 | 2 | BF018550 | BF018550 | ux79a02.y |
| c 420 | 10 | 33.3 | 73 | 6 | CD954223 | CD954223 | SBN_335 G |
| c 421 | 10 | 33.3 | 73 | 7 | CK725926 | CK725926 | SWWbL3CAW |
| 422 | 10 | 33.3 | 73 | 7 | CN194470 | CN194470 | rg94h08.y |
| c 423 | 10 | 33.3 | 73 | 7 | D78241 | D78241 | D78241 EST |
| c 424 | 10 | 33.3 | 73 | 8 | AZ922003 | AZ922003 | HRCot1G05 |
| 425 | 10 | 33.3 | 73 | 9 | CR036233 | CR036233 | Reverse s |
| c 426 | 10 | 33.3 | 73 | 9 | CC556388 | CC556388 | CH240_464 |
| c 427 | 10 | 33.3 | 73 | 9 | CG616166 | CG616166 | OST307978 |
| 428 | 10 | 33.3 | 73 | 9 | CG635724 | CG635724 | OST358737 |
| 429 | 10 | 33.3 | 73 | 9 | CG669028 | CG669028 | OST465599 |
| 430 | 10 | 33.3 | 73 | 9 | CG887123 | CG887123 | RRS786 Ba |
| 431 | 10 | 33.3 | 73 | 9 | CL522380 | CL522380 | DAK2B07 F |
| c 432 | 10 | 33.3 | 73 | 9 | CL522380 | CL522380 | DAK2B07 F |
| 433 | 10 | 33.3 | 74 | 1 | AA920993 | AA920993 | vy17g06.r |
| c 434 | 10 | 33.3 | 74 | 1 | AI253431 | AI253431 | aq15e04.x |
| 435 | 10 | 33.3 | 74 | 1 | AV841003 | AV841003 | AV841003 |
| 436 | 10 | 33.3 | 74 | 2 | BF036474 | BF036474 | 601460229 |
| c 437 | 10 | 33.3 | 74 | 4 | BG272690 | BG272690 | nah35f11. |
| 438 | 10 | 33.3 | 74 | 5 | BQ590385 | BQ590385 | E012843-0 |
| 439 | 10 | 33.3 | 74 | 5 | BU642621 | BU642621 | mgmk012xO |
| 440 | 10 | 33.3 | 74 | 5 | BU644286 | BU644286 | mgmk019xP |
| 441 | 10 | 33.3 | 74 | 5 | BU828350 | BU828350 | K021P42P |
| 442 | 10 | 33.3 | 74 | 8 | BZ288759 | BZ288759 | SALK_0221 |
| 443 | 10 | 33.3 | 74 | 9 | TA267E10P | AL484721 | T. brucei |
| 444 | 10 | 33.3 | 74 | 9 | CG522682 | CG522682 | OST92642 |
| 445 | 10 | 33.3 | 74 | 9 | CG590391 | CG590391 | OST243779 |
| 446 | 10 | 33.3 | 74 | 9 | CG595313 | CG595313 | OST254650 |
| 447 | 10 | 33.3 | 75 | 1 | AI049212 | AI049212 | ub39g11.r |
| 448 | 10 | 33.3 | 75 | 1 | AA419240 | AA419240 | zv35a03.r |
| 449 | 10 | 33.3 | 75 | 6 | CB352524 | CB352524 | ZF001-P00 |
| 450 | 10 | 33.3 | 75 | 7 | H60692 | H60692 | yr53a11.r1 |
| 451 | 10 | 33.3 | 75 | 8 | AZ317978 | AZ317978 | 1M0036P22 |
| 452 | 10 | 33.3 | 75 | 8 | BH000503 | BH000503 | 2M0288J24 |
| c 453 | 10 | 33.3 | 75 | 9 | AL938564 | AL938564 | Arabidops |
| 454 | 10 | 33.3 | 75 | 9 | BX948448 | BX948448 | Arabidops |
| 455 | 10 | 33.3 | 75 | 9 | CG624439 | CG624439 | OST328179 |
| 456 | 10 | 33.3 | 75 | 9 | CG669655 | CG669655 | OST466791 |
| 457 | 10 | 33.3 | 75 | 9 | CG671027 | CG671027 | OST472244 |
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| 459 | 10 | 33.3 | 75 | 9 | AG264551 | AG264551 | Lotus cor |
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| c 464 | 10 | 33.3 | 76 | 1 | AA265054 | AA265054 | mx90e08.r |
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| c 466 | 10 | 33.3 | 76 | 1 | AA511320 | AA511320 | vj22d01.r |
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| 470 | 10 | 33.3 | 76 | 9 | AL762406 | AL762406 | Arabidops |
| 471 | 10 | 33.3 | 76 | 9 | AL762407 | AL762407 | Arabidops |
| 472 | 10 | 33.3 | 76 | 9 | AL762420 | AL762420 | Arabidops |
| 473 | 10 | 33.3 | 76 | 9 | AL762421 | AL762421 | Arabidops |
| c 474 | 10 | 33.3 | 76 | 9 | AL938362 | AL938362 | Arabidops |
| c 475 | 10 | 33.3 | 76 | 9 | BX136213 | BX136213 | Danio rer |
| c 476 | 10 | 33.3 | 76 | 9 | BX660275 | BX660275 | Arabidops |
| 477 | 10 | 33.3 | 76 | 9 | CR170055 | CR170055 | Reverse s |
| 478 | 10 | 33.3 | 76 | 9 | CC884439 | CC884439 | SALK_1130 |
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| 483 | 10 | 33.3 | 76 | 9 | CG668456 | CG668456 | OST464397 |
| 484 | 10 | 33.3 | 76 | 9 | CG670073 | CG670073 | OST468205 |
| 485 | 10 | 33.3 | 76 | 9 | CG671092 | CG671092 | OST472505 |
| c 486 | 10 | 33.3 | 76 | 9 | AG023278 | AG023278 | Oryza sat |
| 487 | 10 | 33.3 | 77 | 2 | AW251006 | AW251006 | 2821163.3 |
| 488 | 10 | 33.3 | 77 | 2 | AW251008 | AW251008 | 2821207.3 |
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| 501 | 10 | 33.3 | 78 | 1 | AA591891 | AA591891 | vi48h04.r |
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| 510 | 10 | 33.3 | 78 | 9 | CG666858 | CG666858 | OST457998 |
| 511 | 10 | 33.3 | 78 | 9 | CG667546 | CG667546 | OST461353 |
| 512 | 10 | 33.3 | 78 | 9 | AG188058 | AG188058 | Pan trogl |
| 513 | 10 | 33.3 | 79 | 1 | AA922367 | AA922367 | oh91b11.s |
| 514 | 10 | 33.3 | 79 | 1 | AA097928 | AA097928 | mn82c03.r |
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| c 517 | 10 | 33.3 | 79 | 6 | CB298729 | CB298729 | 220024_re |
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| c 519 | 10 | 33.3 | 79 | 6 | CD958921 | CD958921 | SCS_191 G |
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| c 522 | 10 | 33.3 | 79 | 7 | CK108090 | CK108090 | G094P30 P |

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| c 523 | 10 | 33.3 | 79 | 7 | F29628 | F29628 HSPD19615 H |
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| 526 | 10 | 33.3 | 79 | 9 | CG591254 | CG591254 OST245635 |
| 527 | 10 | 33.3 | 79 | 9 | CG631900 | CG631900 OST349140 |
| 528 | 10 | 33.3 | 79 | 9 | CG645460 | CG645460 OST390074 |
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| 530 | 10 | 33.3 | 79 | 9 | CG669035 | CG669035 OST465612 |
| 531 | 10 | 33.3 | 79 | 9 | CG670346 | CG670346 OST469939 |
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| 533 | 10 | 33.3 | 79 | 9 | CG777900 | CG777900 1123011G0 |
| 534 | 10 | 33.3 | 79 | 9 | CL315446 | CL315446 RRU393 Ba |
| 535 | 10 | 33.3 | 80 | 4 | BI943534 | BI943534 sq33d05.y |
| 536 | 10 | 33.3 | 80 | 9 | CG562298 | CG562298 OST184624 |
| 537 | 10 | 33.3 | 80 | 9 | CG576772 | CG576772 OST211864 |
| 538 | 10 | 33.3 | 80 | 9 | CG611726 | CG611726 OST297093 |
| c 539 | 10 | 33.3 | 80 | 9 | CG615531 | CG615531 OST306061 |
| 540 | 10 | 33.3 | 80 | 9 | CG666444 | CG666444 OST456506 |
| 541 | 10 | 33.3 | 80 | 9 | CG670369 | CG670369 OST470084 |
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| 543 | 10 | 33.3 | 80 | 9 | CL459641 | CL459641 XT0822 Sa |
| 544 | 10 | 33.3 | 81 | 1 | AI787014 | AI787014 ui84d11.y |
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| c 552 | 10 | 33.3 | 81 | 9 | CG626128 | CG626128 OST333726 |
| 553 | 10 | 33.3 | 81 | 9 | CG666662 | CG666662 OST457097 |
| 554 | 10 | 33.3 | 81 | 9 | CG666811 | CG666811 OST457814 |
| c 555 | 10 | 33.3 | 82 | 1 | AA219976 | AA219976 mv65b08.r |
| c 556 | 10 | 33.3 | 82 | 1 | AA425898 | AA425898 zw17g06.s |
| c 557 | 10 | 33.3 | 82 | 5 | BW507855 | BW507855 BW507855 |
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| 559 | 10 | 33.3 | 82 | 6 | CB359974 | CB359974 ZF001-P00 |
| c 560 | 10 | 33.3 | 82 | 7 | CF353192 | CF353192 lab63b09. |
| c 561 | 10 | 33.3 | 82 | 7 | CF354965 | CF354965 lab65c09. |
| 562 | 10 | 33.3 | 82 | 8 | AZ785032 | AZ785032 2M0028I04 |
| c 563 | 10 | 33.3 | 82 | 8 | B36238 | B36238 HS-1038-A2- |
| 564 | 10 | 33.3 | 82 | 8 | BH849547 | BH849547 SALK_0698 |
| 565 | 10 | 33.3 | 82 | 9 | TA198G09Q | AL477822 T. brucei |
| 566 | 10 | 33.3 | 82 | 9 | CG556104 | CG556104 OST171349 |
| c 567 | 10 | 33.3 | 82 | 9 | CG664917 | CG664917 OST452659 |
| 568 | 10 | 33.3 | 82 | 9 | CG666930 | CG666930 OST458433 |
| 569 | 10 | 33.3 | 82 | 9 | CG667184 | CG667184 OST459509 |
| 570 | 10 | 33.3 | 82 | 9 | CG669778 | CG669778 OST467037 |
| 571 | 10 | 33.3 | 82 | 9 | CL210626 | CL210626 F014F01 G |
| 572 | 10 | 33.3 | 82 | 9 | CL518484 | CL518484 DAE4D05 F |
| 573 | 10 | 33.3 | 83 | 1 | AA784289 | AA784289 d4b05a1.f |
| c 574 | 10 | 33.3 | 83 | 4 | BJ063432 | BJ063432 BJ063432 |
| 575 | 10 | 33.3 | 83 | 6 | CA848338 | CA848338 ip37c01.x |
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| 577 | 10 | 33.3 | 83 | 7 | CN867978 | CN867978 001130AAN |
| 578 | 10 | 33.3 | 83 | 8 | AZ655703 | AZ655703 1M0530M16 |
| c 579 | 10 | 33.3 | 83 | 8 | AZ970988 | AZ970988 2M0244N15 |

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| 580 | 10 | 33.3 | 83 | 8 | BH216785 | BH216785 | 1006046D0 |
| 581 | 10 | 33.3 | 83 | 8 | BZ290719 | BZ290719 | SALK_0911 |
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| 583 | 10 | 33.3 | 83 | 9 | CR308603 | CR308603 | Medicago |
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| 587 | 10 | 33.3 | 83 | 9 | CG556781 | CG556781 | OST172675 |
| 588 | 10 | 33.3 | 83 | 9 | CG589032 | CG589032 | OST240697 |
| 589 | 10 | 33.3 | 83 | 9 | CG667733 | CG667733 | OST461910 |
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| 591 | 10 | 33.3 | 83 | 9 | CG671017 | CG671017 | OST472196 |
| 592 | 10 | 33.3 | 83 | 9 | CG671207 | CG671207 | OST472828 |
| 593 | 10 | 33.3 | 84 | 1 | AA072567 | AA072567 | mm74f10.r |
| c 594 | 10 | 33.3 | 84 | 2 | BE324081 | BE324081 | NF013B12P |
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| 596 | 10 | 33.3 | 84 | 5 | BW505735 | BW505735 | BW505735 |
| 597 | 10 | 33.3 | 84 | 6 | CF024789 | CF024789 | QBS8g02.x |
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| 600 | 10 | 33.3 | 84 | 9 | CG571232 | CG571232 | OST200752 |
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| c 602 | 10 | 33.3 | 84 | 9 | CG614772 | CG614772 | OST303345 |
| 603 | 10 | 33.3 | 84 | 9 | CG630094 | CG630094 | OST345016 |
| 604 | 10 | 33.3 | 84 | 9 | CG667579 | CG667579 | OST461438 |
| 605 | 10 | 33.3 | 84 | 9 | CG670955 | CG670955 | OST471968 |
| 606 | 10 | 33.3 | 84 | 9 | AG199786 | AG199786 | Pan trogl |
| 607 | 10 | 33.3 | 85 | 1 | AA654654 | AA654654 | nt76b11.s |
| 608 | 10 | 33.3 | 85 | 1 | AA717259 | AA717259 | vt01h07.r |
| 609 | 10 | 33.3 | 85 | 1 | AV951577 | AV951577 | AV951577 |
| 610 | 10 | 33.3 | 85 | 4 | BG108925 | BG108925 | HRPE1881 |
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| 612 | 10 | 33.3 | 85 | 9 | CR106082 | CR106082 | Forward s |
| c 613 | 10 | 33.3 | 85 | 9 | CG538794 | CG538794 | OST129135 |
| 614 | 10 | 33.3 | 85 | 9 | CG542364 | CG542364 | OST136704 |
| 615 | 10 | 33.3 | 85 | 9 | CG589869 | CG589869 | OST242608 |
| 616 | 10 | 33.3 | 85 | 9 | CG631883 | CG631883 | OST349094 |
| 617 | 10 | 33.3 | 85 | 9 | CG666943 | CG666943 | OST458481 |
| c 618 | 10 | 33.3 | 85 | 9 | CG725812 | CG725812 | 1119087A0 |
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| c 620 | 10 | 33.3 | 86 | 7 | CN870123 | CN870123 | 001204AAO |
| c 621 | 10 | 33.3 | 86 | 7 | H55575 | H55575 | CHR220514 C |
| c 622 | 10 | 33.3 | 86 | 7 | T60180 | T60180 | yb68b06.r1 |
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| 624 | 10 | 33.3 | 86 | 8 | BH849542 | BH849542 | SALK_0698 |
| c 625 | 10 | 33.3 | 86 | 9 | BX217232 | BX217232 | Danio rer |
| c 626 | 10 | 33.3 | 86 | 9 | BX465579 | BX465579 | INRA porc |
| c 627 | 10 | 33.3 | 86 | 9 | CR124217 | CR124217 | Forward s |
| 628 | 10 | 33.3 | 86 | 9 | CG614573 | CG614573 | OST302932 |
| 629 | 10 | 33.3 | 86 | 9 | CG667307 | CG667307 | OST460007 |
| 630 | 10 | 33.3 | 86 | 9 | CG667907 | CG667907 | OST462736 |
| 631 | 10 | 33.3 | 86 | 9 | CG669033 | CG669033 | OST465609 |
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| c 633 | 10 | 33.3 | 87 | 4 | BM442356 | BM442356 | EBan01_SQ |
| 634 | 10 | 33.3 | 87 | 5 | BQ755979 | BQ755979 | EBem05_SQ |
| c 635 | 10 | 33.3 | 87 | 8 | AZ345632 | AZ345632 | 1M0080H21 |
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| | 637 | 10 | 33.3 | 87 | 8 | AZ511195 | AZ511195 | 1M0356D12 |
| c | 638 | 10 | 33.3 | 87 | 8 | AZ787069 | AZ787069 | 2M0032K20 |
| | 639 | 10 | 33.3 | 87 | 8 | BH227373 | BH227373 | 1006139E1 |
| | 640 | 10 | 33.3 | 87 | 8 | BH908744 | BH908744 | SALK_0503 |
| | 641 | 10 | 33.3 | 87 | 9 | AJ594128 | AJ594128 | Arabidops |
| c | 642 | 10 | 33.3 | 87 | 9 | FR0016556 | AL007754 | F.rubripe |
| | 643 | 10 | 33.3 | 87 | 9 | CC545274 | CC545274 | CH240_427 |
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| | 645 | 10 | 33.3 | 87 | 9 | CG527592 | CG527592 | OST105666 |
| | 646 | 10 | 33.3 | 87 | 9 | CG557237 | CG557237 | OST173431 |
| | 647 | 10 | 33.3 | 87 | 9 | CG581521 | CG581521 | OST221873 |
| | 648 | 10 | 33.3 | 87 | 9 | CG667786 | CG667786 | OST462147 |
| | 649 | 10 | 33.3 | 87 | 9 | CG668267 | CG668267 | OST464057 |
| | 650 | 10 | 33.3 | 87 | 9 | CG669336 | CG669336 | OST466183 |
| | 651 | 10 | 33.3 | 87 | 9 | CG669661 | CG669661 | OST466808 |
| | 652 | 10 | 33.3 | 87 | 9 | CG670580 | CG670580 | OST470966 |
| c | 653 | 10 | 33.3 | 87 | 9 | CL212640 | CL212640 | G047E07 G |
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| c | 655 | 10 | 33.3 | 88 | 1 | AA895942 | AA895942 | vy36d03.r |
| | 656 | 10 | 33.3 | 88 | 1 | AI601427 | AI601427 | fc11b05.x |
| | 657 | 10 | 33.3 | 88 | 1 | AJ713001 | AJ713001 | AJ713001 |
| | 658 | 10 | 33.3 | 88 | 1 | AA474534 | AA474534 | vg94e02.r |
| | 659 | 10 | 33.3 | 88 | 5 | BU643021 | BU643021 | mgmk014xA |
| c | 660 | 10 | 33.3 | 88 | 6 | CA904831 | CA904831 | PCSC11573 |
| c | 661 | 10 | 33.3 | 88 | 6 | CB227056 | CB227056 | 1Ru33H06 |
| | 662 | 10 | 33.3 | 88 | 6 | CD941265 | CD941265 | RBA_19 Ge |
| | 663 | 10 | 33.3 | 88 | 7 | CN875610 | CN875610 | 010218AAR |
| | 664 | 10 | 33.3 | 88 | 7 | F37561 | F37561 | HSPD36443 H |
| | 665 | 10 | 33.3 | 88 | 8 | AZ413718 | AZ413718 | 1M0197E15 |
| c | 666 | 10 | 33.3 | 88 | 8 | BZ385377 | BZ385377 | SALK_1371 |
| c | 667 | 10 | 33.3 | 88 | 9 | CG480931 | CG480931 | OST13108 |
| | 668 | 10 | 33.3 | 88 | 9 | CG546072 | CG546072 | OST145067 |
| | 669 | 10 | 33.3 | 88 | 9 | CG556679 | CG556679 | OST172457 |
| | 670 | 10 | 33.3 | 88 | 9 | CG624325 | CG624325 | OST327716 |
| | 671 | 10 | 33.3 | 88 | 9 | CG646018 | CG646018 | OST391340 |
| | 672 | 10 | 33.3 | 88 | 9 | CG667323 | CG667323 | OST460061 |
| | 673 | 10 | 33.3 | 88 | 9 | CG670303 | CG670303 | OST469658 |
| | 674 | 10 | 33.3 | 88 | 9 | CG671014 | CG671014 | OST472184 |
| | 675 | 10 | 33.3 | 88 | 9 | CG887102 | CG887102 | RRS794 Ba |
| | 676 | 10 | 33.3 | 89 | 1 | AA734898 | AA734898 | vs17a06.r |
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| c | 678 | 10 | 33.3 | 89 | 1 | AU076699 | AU076699 | AU076699 |
| | 679 | 10 | 33.3 | 89 | 4 | BG694814 | BG694814 | NISC_iv08 |
| c | 680 | 10 | 33.3 | 89 | 8 | AZ783934 | AZ783934 | 2M0026L04 |
| | 681 | 10 | 33.3 | 89 | 8 | CC326457 | CC326457 | XN390 Bay |
| | 682 | 10 | 33.3 | 89 | 9 | CG556789 | CG556789 | OST172703 |
| | 683 | 10 | 33.3 | 89 | 9 | CG668411 | CG668411 | OST464311 |
| | 684 | 10 | 33.3 | 89 | 9 | CG670053 | CG670053 | OST468136 |
| c | 685 | 10 | 33.3 | 89 | 9 | CL522695 | CL522695 | DAK5H07 F |
| c | 686 | 10 | 33.3 | 90 | 1 | AA668534 | AA668534 | ac49h02.s |
| | 687 | 10 | 33.3 | 90 | 1 | AA929350 | AA929350 | vz41b11.r |
| | 688 | 10 | 33.3 | 90 | 6 | CA390278 | CA390278 | cs108g03. |
| | 689 | 10 | 33.3 | 90 | 8 | AZ919645 | AZ919645 | 1006016A0 |
| | 690 | 10 | 33.3 | 90 | 8 | BH223861 | BH223861 | 1006115D1 |
| | 691 | 10 | 33.3 | 90 | 8 | BZ761787 | BZ761787 | SALK_0813 |
| | 692 | 10 | 33.3 | 90 | 9 | CR113388 | CR113388 | Forward s |
| | 693 | 10 | 33.3 | 90 | 9 | CG669272 | CG669272 | OST466069 |

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| 694 | 10 | 33.3 | 90 | 9 | CG670006 | CG670006 | OST467867 |
| 695 | 10 | 33.3 | 90 | 9 | CG670499 | CG670499 | OST470758 |
| c 696 | 10 | 33.3 | 90 | 9 | CG774959 | CG774959 | 1123022B0 |
| 697 | 10 | 33.3 | 91 | 1 | AV959539 | AV959539 | AV959539 |
| c 698 | 10 | 33.3 | 91 | 2 | AW156221 | AW156221 | se21b03.y |
| c 699 | 10 | 33.3 | 91 | 5 | BQ758162 | BQ758162 | EBma01_SQ |
| c 700 | 10 | 33.3 | 91 | 9 | CR018008 | CR018008 | Reverse s |
| 701 | 10 | 33.3 | 91 | 9 | CR028603 | CR028603 | Reverse s |
| c 702 | 10 | 33.3 | 91 | 9 | CR139919 | CR139919 | Forward s |
| c 703 | 10 | 33.3 | 91 | 9 | TA222B07Q | AL480686 | T. brucei |
| 704 | 10 | 33.3 | 91 | 9 | CG588180 | CG588180 | OST238714 |
| 705 | 10 | 33.3 | 91 | 9 | CG589848 | CG589848 | OST242568 |
| 706 | 10 | 33.3 | 91 | 9 | CG595067 | CG595067 | OST253963 |
| 707 | 10 | 33.3 | 91 | 9 | CG669350 | CG669350 | OST466217 |
| 708 | 10 | 33.3 | 91 | 9 | CG669941 | CG669941 | OST467580 |
| 709 | 10 | 33.3 | 92 | 1 | AA159407 | AA159407 | zo78a04.r |
| c 710 | 10 | 33.3 | 92 | 2 | AW306753 | AW306753 | sf47h07.y |
| c 711 | 10 | 33.3 | 92 | 9 | BX986846 | BX986846 | Forward s |
| 712 | 10 | 33.3 | 92 | 9 | CNS026HB | AL183368 | Tetraodon |
| c 713 | 10 | 33.3 | 92 | 9 | CNS03PVC | AL255153 | Tetraodon |
| 714 | 10 | 33.3 | 92 | 9 | CG563920 | CG563920 | OST187604 |
| 715 | 10 | 33.3 | 92 | 9 | CG568300 | CG568300 | OST195200 |
| 716 | 10 | 33.3 | 92 | 9 | CG574130 | CG574130 | OST206678 |
| 717 | 10 | 33.3 | 92 | 9 | CG611429 | CG611429 | OST296434 |
| 718 | 10 | 33.3 | 92 | 9 | CG617483 | CG617483 | OST311100 |
| 719 | 10 | 33.3 | 92 | 9 | CG671105 | CG671105 | OST472535 |
| c 720 | 10 | 33.3 | 92 | 9 | CL517406 | CL517406 | DAC8H05 F |
| c 721 | 10 | 33.3 | 92 | 9 | CL517562 | CL517562 | SAA5A01 F |
| c 722 | 10 | 33.3 | 93 | 1 | AL874852 | AL874852 | AL874852 |
| 723 | 10 | 33.3 | 93 | 2 | AW770041 | AW770041 | hk57a03.x |
| 724 | 10 | 33.3 | 93 | 6 | CB827240 | CB827240 | LjNEST72c |
| c 725 | 10 | 33.3 | 93 | 7 | D42322 | D42322 | D42322 Rice |
| 726 | 10 | 33.3 | 93 | 8 | AF039815 | AF039815 | AF039815 |
| 727 | 10 | 33.3 | 93 | 9 | DME545082 | AJ545082 | Drosophil |
| 728 | 10 | 33.3 | 93 | 9 | CG591196 | CG591196 | OST245519 |
| 729 | 10 | 33.3 | 93 | 9 | CG640783 | CG640783 | OST374264 |
| 730 | 10 | 33.3 | 93 | 9 | CG650712 | CG650712 | OST408706 |
| 731 | 10 | 33.3 | 93 | 9 | CG666884 | CG666884 | OST458177 |
| 732 | 10 | 33.3 | 93 | 9 | CG668344 | CG668344 | OST464210 |
| 733 | 10 | 33.3 | 93 | 9 | CG669782 | CG669782 | OST467048 |
| 734 | 10 | 33.3 | 93 | 9 | CG670518 | CG670518 | OST470821 |
| 735 | 10 | 33.3 | 93 | 9 | CL523410 | CL523410 | SAN7H06 F |
| 736 | 10 | 33.3 | 94 | 1 | AI122238 | AI122238 | uc60c03.r |
| 737 | 10 | 33.3 | 94 | 1 | AI363926 | AI363926 | qw34a04.x |
| c 738 | 10 | 33.3 | 94 | 1 | AI522531 | AI522531 | fb21d07.x |
| c 739 | 10 | 33.3 | 94 | 2 | BF222532 | BF222532 | 7p54a08.x |
| c 740 | 10 | 33.3 | 94 | 2 | BF222598 | BF222598 | 7p56c09.x |
| c 741 | 10 | 33.3 | 94 | 8 | AZ316864 | AZ316864 | 1M0035H09 |
| 742 | 10 | 33.3 | 94 | 8 | AZ650579 | AZ650579 | 1M0520P18 |
| c 743 | 10 | 33.3 | 94 | 8 | AZ869666 | AZ869666 | 2M0181D21 |
| 744 | 10 | 33.3 | 94 | 9 | CG590093 | CG590093 | OST243077 |
| c 745 | 10 | 33.3 | 94 | 9 | CG616268 | CG616268 | OST308191 |
| 746 | 10 | 33.3 | 94 | 9 | CG668232 | CG668232 | OST463978 |
| 747 | 10 | 33.3 | 95 | 1 | AI037576 | AI037576 | ub53g05.r |
| c 748 | 10 | 33.3 | 95 | 2 | AW270414 | AW270414 | xp75d05.x |
| 749 | 10 | 33.3 | 95 | 4 | BI317779 | BI317779 | saf06d09. |
| 750 | 10 | 33.3 | 95 | 6 | CB351800 | CB351800 | ZF001-P00 |

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| c 751 | 10 | 33.3 | 95 | 6 | CB470059 | CB470059 | sn15_G08. |
| 752 | 10 | 33.3 | 95 | 7 | CN752159 | CN752159 | ApHL3SD-X |
| 753 | 10 | 33.3 | 95 | 7 | CN935692 | CN935692 | 000303AVB |
| 754 | 10 | 33.3 | 95 | 8 | AF149590 | AF149590 | AF149590 |
| 755 | 10 | 33.3 | 95 | 9 | LBAF027H09 | BX543529 | Leishmani |
| 756 | 10 | 33.3 | 95 | 9 | CC885312 | CC885312 | SALK_1468 |
| 757 | 10 | 33.3 | 95 | 9 | CG536508 | CG536508 | OST124522 |
| 758 | 10 | 33.3 | 95 | 9 | CG624798 | CG624798 | OST329242 |
| 759 | 10 | 33.3 | 95 | 9 | CG667522 | CG667522 | OST461257 |
| 760 | 10 | 33.3 | 95 | 9 | CG669833 | CG669833 | OST467189 |
| c 761 | 10 | 33.3 | 96 | 1 | AA100908 | AA100908 | zn24a06.s |
| c 762 | 10 | 33.3 | 96 | 4 | BG792372 | BG792372 | UTSW_H34C |
| c 763 | 10 | 33.3 | 96 | 4 | BG817166 | BG817166 | UTSW_H18A |
| 764 | 10 | 33.3 | 96 | 4 | BJ001073 | BJ001073 | BJ001073 |
| 765 | 10 | 33.3 | 96 | 4 | BM148347 | BM148347 | TCAAP2D10 |
| 766 | 10 | 33.3 | 96 | 5 | BQ565964 | BQ565964 | gi48f07.y |
| 767 | 10 | 33.3 | 96 | 5 | BQ570023 | BQ570023 | gi142h11. |
| 768 | 10 | 33.3 | 96 | 5 | BQ586461 | BQ586461 | S014460-0 |
| c 769 | 10 | 33.3 | 96 | 7 | CK108528 | CK108528 | I032P16 P |
| c 770 | 10 | 33.3 | 96 | 8 | BZ288403 | BZ288403 | SALK_0217 |
| 771 | 10 | 33.3 | 96 | 9 | CG557423 | CG557423 | OST173766 |
| 772 | 10 | 33.3 | 96 | 9 | CG669804 | CG669804 | OST467109 |
| 773 | 10 | 33.3 | 97 | 1 | AA648867 | AA648867 | ns37g08.s |
| 774 | 10 | 33.3 | 97 | 1 | AI756476 | AI756476 | EtESTea15 |
| 775 | 10 | 33.3 | 97 | 1 | AV914575 | AV914575 | AV914575 |
| 776 | 10 | 33.3 | 97 | 2 | AW230298 | AW230298 | up28g12.y |
| c 777 | 10 | 33.3 | 97 | 2 | BE200490 | BE200490 | ug63g02.x |
| 778 | 10 | 33.3 | 97 | 5 | BU887410 | BU887410 | R059C02 P |
| c 779 | 10 | 33.3 | 97 | 6 | CF043322 | CF043322 | QCJ15f02. |
| c 780 | 10 | 33.3 | 97 | 7 | CF380595 | CF380595 | lac49b04. |
| 781 | 10 | 33.3 | 97 | 7 | W13267 | W13267 | mb31f09.r1 |
| 782 | 10 | 33.3 | 97 | 8 | CC035248 | CC035248 | 3591_1_73 |
| 783 | 10 | 33.3 | 97 | 9 | DR1C9T | AL742696 | Danio rer |
| c 784 | 10 | 33.3 | 97 | 9 | TA90G02Q | AL459890 | T. brucei |
| 785 | 10 | 33.3 | 97 | 9 | CG667794 | CG667794 | OST462205 |
| 786 | 10 | 33.3 | 97 | 9 | CG667818 | CG667818 | OST462316 |
| 787 | 10 | 33.3 | 97 | 9 | CG668039 | CG668039 | OST463371 |
| 788 | 10 | 33.3 | 97 | 9 | CG670516 | CG670516 | OST470818 |
| c 789 | 10 | 33.3 | 98 | 1 | AA471778 | AA471778 | vg96a08.r |
| 790 | 10 | 33.3 | 98 | 2 | AW566021 | AW566021 | EST00013 |
| c 791 | 10 | 33.3 | 98 | 7 | CN870330 | CN870330 | 001204AAO |
| c 792 | 10 | 33.3 | 98 | 7 | T60962 | T60962 | yc46c01.r1 |
| 793 | 10 | 33.3 | 98 | 8 | AQ988931 | AQ988931 | 26A1A04NE |
| c 794 | 10 | 33.3 | 98 | 8 | AZ759860 | AZ759860 | 1M0553G02 |
| c 795 | 10 | 33.3 | 98 | 9 | CR396685 | CR396685 | Arabidops |
| 796 | 10 | 33.3 | 98 | 9 | TA162F06P | AL472468 | T. brucei |
| c 797 | 10 | 33.3 | 98 | 9 | CC491773 | CC491773 | CH240_325 |
| c 798 | 10 | 33.3 | 98 | 9 | CG500261 | CG500261 | OST43029 |
| 799 | 10 | 33.3 | 98 | 9 | CG504720 | CG504720 | OST53048 |
| c 800 | 10 | 33.3 | 98 | 9 | CG517773 | CG517773 | OST78575 |
| 801 | 10 | 33.3 | 98 | 9 | CG540874 | CG540874 | OST133471 |
| 802 | 10 | 33.3 | 98 | 9 | CG667428 | CG667428 | OST460708 |
| 803 | 10 | 33.3 | 98 | 9 | CG669792 | CG669792 | OST467073 |
| 804 | 10 | 33.3 | 98 | 9 | CG670036 | CG670036 | OST468077 |
| 805 | 10 | 33.3 | 98 | 9 | CG670060 | CG670060 | OST468152 |
| 806 | 10 | 33.3 | 98 | 9 | CG670860 | CG670860 | OST471752 |
| 807 | 10 | 33.3 | 98 | 9 | CL234181 | CL234181 | 02S0288-0 |

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| c 808 | 10 | 33.3 | 99 | 1 | AJ666936 | AJ666936 | AJ666936 |
| 809 | 10 | 33.3 | 99 | 1 | AV960230 | AV960230 | AV960230 |
| c 810 | 10 | 33.3 | 99 | 2 | AW059901 | AW059901 | 50_comp15 |
| c 811 | 10 | 33.3 | 99 | 2 | AW823405 | AW823405 | uf60g05.x |
| 812 | 10 | 33.3 | 99 | 4 | BG058142 | BG058142 | nah21b08. |
| 813 | 10 | 33.3 | 99 | 4 | BI416410 | BI416410 | LjNEST3d3 |
| c 814 | 10 | 33.3 | 99 | 5 | BU744047 | BU744047 | mah95d05. |
| 815 | 10 | 33.3 | 99 | 6 | CA587001 | CA587001 | LBG26p32 |
| c 816 | 10 | 33.3 | 99 | 8 | AZ481171 | AZ481171 | 1M0303E13 |
| 817 | 10 | 33.3 | 99 | 8 | AZ821790 | AZ821790 | 2M0094009 |
| 818 | 10 | 33.3 | 99 | 8 | AZ946034 | AZ946034 | 2M0207G07 |
| 819 | 10 | 33.3 | 99 | 8 | BH226809 | BH226809 | 1006134H0 |
| 820 | 10 | 33.3 | 99 | 9 | CG475200 | CG475200 | OST3418 M |
| 821 | 10 | 33.3 | 99 | 9 | CG556697 | CG556697 | OST172503 |
| 822 | 10 | 33.3 | 99 | 9 | CG640420 | CG640420 | OST373107 |
| 823 | 10 | 33.3 | 99 | 9 | CG667424 | CG667424 | OST460633 |
| 824 | 10 | 33.3 | 99 | 9 | CG669897 | CG669897 | OST467413 |
| 825 | 10 | 33.3 | 99 | 9 | CG670978 | CG670978 | OST472071 |
| 826 | 10 | 33.3 | 99 | 9 | CG671301 | CG671301 | OST473196 |
| 827 | 10 | 33.3 | 100 | 1 | AA657678 | AA657678 | nt82f12.s |
| 828 | 10 | 33.3 | 100 | 1 | AI082549 | AI082549 | ox58a02.s |
| 829 | 10 | 33.3 | 100 | 1 | AI374471 | AI374471 | ME000807. |
| c 830 | 10 | 33.3 | 100 | 1 | AI507467 | AI507467 | vl44c07.x |
| c 831 | 10 | 33.3 | 100 | 1 | AA207901 | AA207901 | mv84f08.r |
| c 832 | 10 | 33.3 | 100 | 1 | AA237743 | AA237743 | mx77a06.r |
| 833 | 10 | 33.3 | 100 | 2 | BF736374 | BF736374 | PM4-KT000 |
| 834 | 10 | 33.3 | 100 | 2 | BF741551 | BF741551 | CM4-HB002 |
| c 835 | 10 | 33.3 | 100 | 2 | AW850609 | AW850609 | IL3-CT021 |
| 836 | 10 | 33.3 | 100 | 2 | BE130029 | BE130029 | 945035C01 |
| c 837 | 10 | 33.3 | 100 | 2 | BE376323 | BE376323 | 601228693 |
| c 838 | 10 | 33.3 | 100 | 4 | BG392617 | BG392617 | 602410851 |
| c 839 | 10 | 33.3 | 100 | 4 | BG910769 | BG910769 | 602810458 |
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| 841 | 10 | 33.3 | 100 | 5 | BQ256063 | BQ256063 | NISC_jq09 |
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| c 843 | 10 | 33.3 | 100 | 5 | BU818372 | BU818372 | UA29DPG03 |
| c 844 | 10 | 33.3 | 100 | 5 | BW176975 | BW176975 | BW176975 |
| 845 | 10 | 33.3 | 100 | 6 | CB210216 | CB210216 | OML00496 |
| 846 | 10 | 33.3 | 100 | 6 | CB366608 | CB366608 | ZF001-P00 |
| c 847 | 10 | 33.3 | 100 | 6 | CD633183 | CD633183 | 56038174J |
| c 848 | 10 | 33.3 | 100 | 6 | CF025684 | CF025684 | QCA1e02.y |
| 849 | 10 | 33.3 | 100 | 6 | CF031373 | CF031373 | QCD3h11.y |
| c 850 | 10 | 33.3 | 100 | 7 | H39035 | H39035 | yp65g02.s1 |
| c 851 | 10 | 33.3 | 100 | 8 | BZ382774 | BZ382774 | SALK_1188 |
| 852 | 10 | 33.3 | 100 | 9 | CG666813 | CG666813 | OST457826 |
| 853 | 10 | 33.3 | 100 | 9 | CG666977 | CG666977 | OST458637 |
| 854 | 10 | 33.3 | 100 | 9 | CG667347 | CG667347 | OST460160 |
| 855 | 10 | 33.3 | 100 | 9 | CG668865 | CG668865 | OST465211 |
| 856 | 10 | 33.3 | 100 | 9 | CG670833 | CG670833 | OST471688 |
| 857 | 10 | 33.3 | 100 | 9 | CG671341 | CG671341 | OST473325 |
| c 858 | 10 | 33.3 | 100 | 9 | CG729247 | CG729247 | 1119110B0 |
| c 859 | 10 | 33.3 | 100 | 9 | CG731464 | CG731464 | 1119140G1 |